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COLUMBIAN WORLD'S FAIR ATLAS

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OUR DEAD PRESIDENTS.

The following with reference to the dead presidents of the United States has, as a whole, not heretofore been printed and it has taken time and research to collate the information. For future reference it should be preserved and find its way into the scrap books of those who have them:

1. George Washington died from a cold, which brought on laryngitis; buried on his estate at Mt. Vernon, Va. Died December 14, 1799, aged 67.

2. John Adams died from senile debility; buried at Quincy, Mass. Died July 4, 1826, aged 91.

3. Thomas Jefferson died of chronic diarrhea; buried on his estate at Monticello, Va. Died July 4, 1826, aged 83.

4. James Madison died of old age; buried on his estate at Montpelier, Va. Died June 28, 1836, aged 86.

5. James Monroe died of general debility; buried in Marble cemetery, New York city. Died July [illegible] from [illegible] aged 73.

6. John Quincy Adams died of paralysis, the fatal attack overtaking him in the house of representatives; buried at Quincy, Mass. Died February 23, 1848, aged 81.

7. Andrew Jackson died of consumption and dropsy; buried on his estate, the Hermitage, near Nashville, Tenn. Died June 8, 1845, aged 78.

8. Martin Van Buren died of catarrh of the throat and lungs; buried at Kinderhook, N. Y. Died July 24, 1862, aged 80.

9. William Henry Harrison died of pleurisy, induced by a cold taken on the day of his inauguration; buried near North Bend, Ohio. Died April 4, 1841, aged 68.

10. John Tyler died from a mysterious disorder like a billious attack; buried at Richmond, Va. Died January 17, 1862, aged 72.

11. James K. Polk died from weakness, caused by cholera; buried on his estate in Nashville, Tenn. Died June 4, 1849, aged 54.

12. Zachary Taylor died from cholera morbus, induced by improper diet; buried on his estate near Louisville, Ky. Died July 9, 1850, aged 66.

13. Millard Fillmore died from paralysis; buried in Forest Hill cemetery, Buffalo, N. Y. Died March 8, 1874, aged 74.

14. Franklin Pierce died from inflammation of the stomach; buried at Concord, N. H. Died October 8, 1869, aged 65.

15. James Buchanan died of rheumatism and gout; buried near Lancaster, Pennsylvania. Died June 1, 1868, aged 77.

16. Abraham Lincoln, assassinated by J. Wilkes Booth; buried at Springfield, Illinois. Died April 15, 1865, aged 56.

17. Andrew Johnson died from paralysis; buried at Greenville, Tenn. Died July 31, 1875, aged 67.

18. Ulysses S. Grant died from cancer of the throat; buried in Riverside Park, New York city. Died July 23, 1885, aged 63.

19. Rutherford B. Hayes died from paralysis of the heart; buried at Fremont, Ohio. Died January 15, 1893, aged 71.

20. James A. Garfield, assassinated by Charles J. Guiteau; buried at Cleveland, Ohio. Died September 19, 1881, aged 50.

21. Chester A. Arthur died from Bright's disease. Buried in Rural cemetery, Albany, N. Y. Died November 18, 1886, aged 56.

This leaves Benjamin Harrison the only living ex-president.

Helena Wattsgott.

THE COLUMBIAN

World's Fair Atlas

CONTAINING

COMPLETE ILLUSTRATIONS OF THE WORLD'S FAIR GROUNDS AND BUILDINGS, GENERAL ILLUSTRATIONS OF THE PUBLIC BUILDINGS, PARKS, MONUMENTS, STREET SCENES, ETC., OF CHICAGO, AND MAPS OF EVERY STATE AND TERRITORY OF THE UNITED STATES AND CANADA,

AND

GENERAL MAPS OF THE WORLD.

PUBLISHED FOR AND PRESENTED BY

A. J. FOX & SON

DEALERS IN

Staple and Fancy Dry Goods,

OIL CLOTHS & CARPETS.

NILES, MICH.

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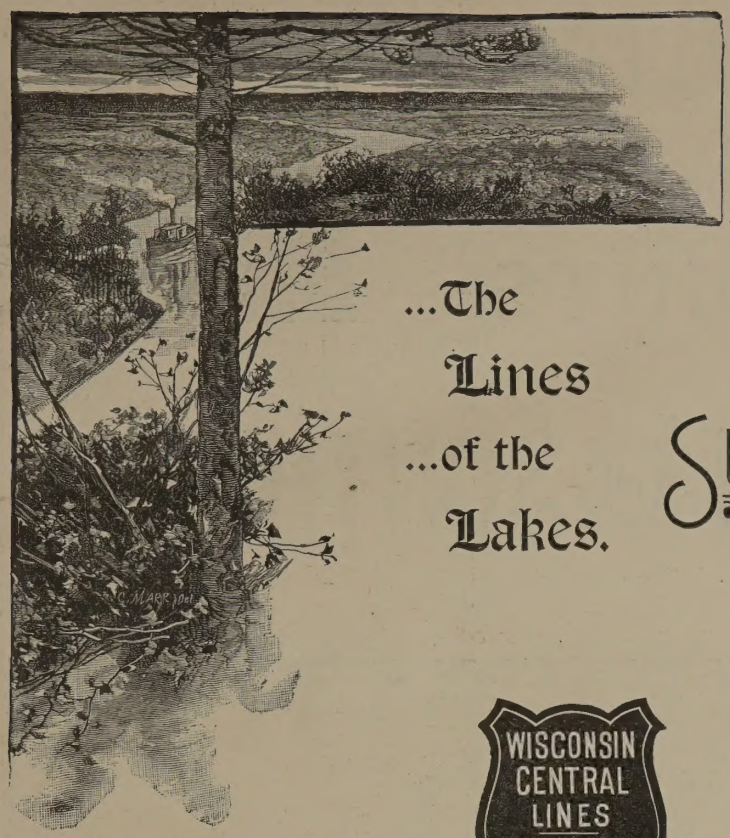


THE THROUGH CAR LINE

... CHICAGO ...

TO

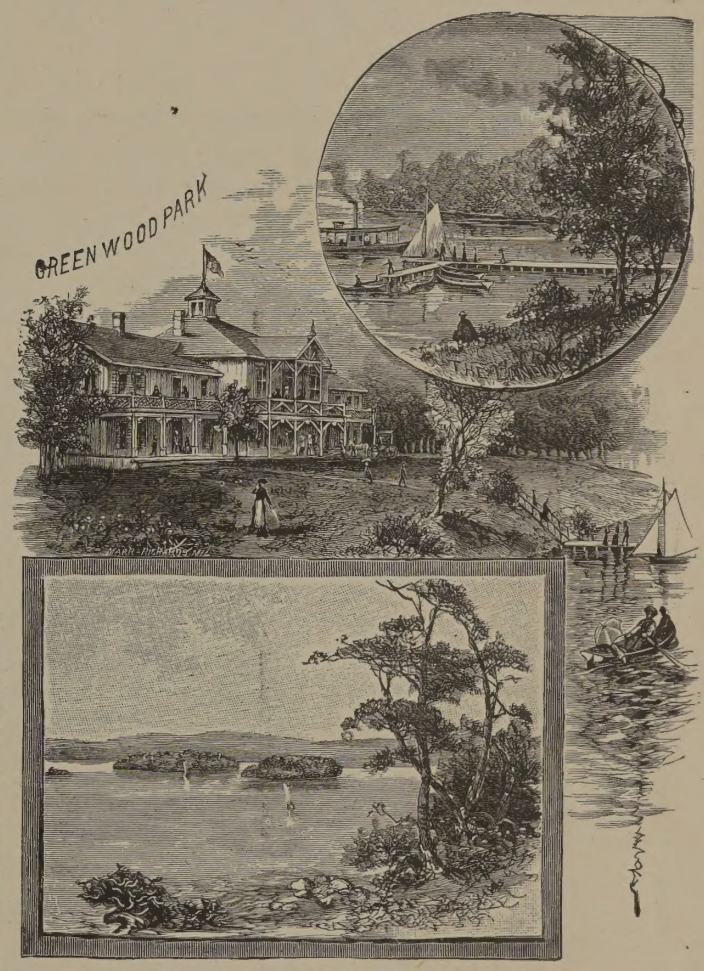
Yellowstone National Park

...The Lines ...of the Lakes.

THE DIRECT ROUTE TO THE FAMOUS

SUMMER RESORTS OF THE NORTHWEST.

WISCONSIN CENTRAL LINES
NORTHERN PACIFIC RAILROAD CO. LESSEE



SCENE ALONG THE WISCONSIN CENTRAL LINES.

TO AND FROM THE NORTHWEST.

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Corner Fifth Avenue and Harrison Street.

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Pullman Vestibuled Sleepers.

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General Passenger and Ticket Agent, - - *CHICAGO, ILLINOIS.*

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BEST LINE

FOR

--- ALL POINTS ---

Burlington Route
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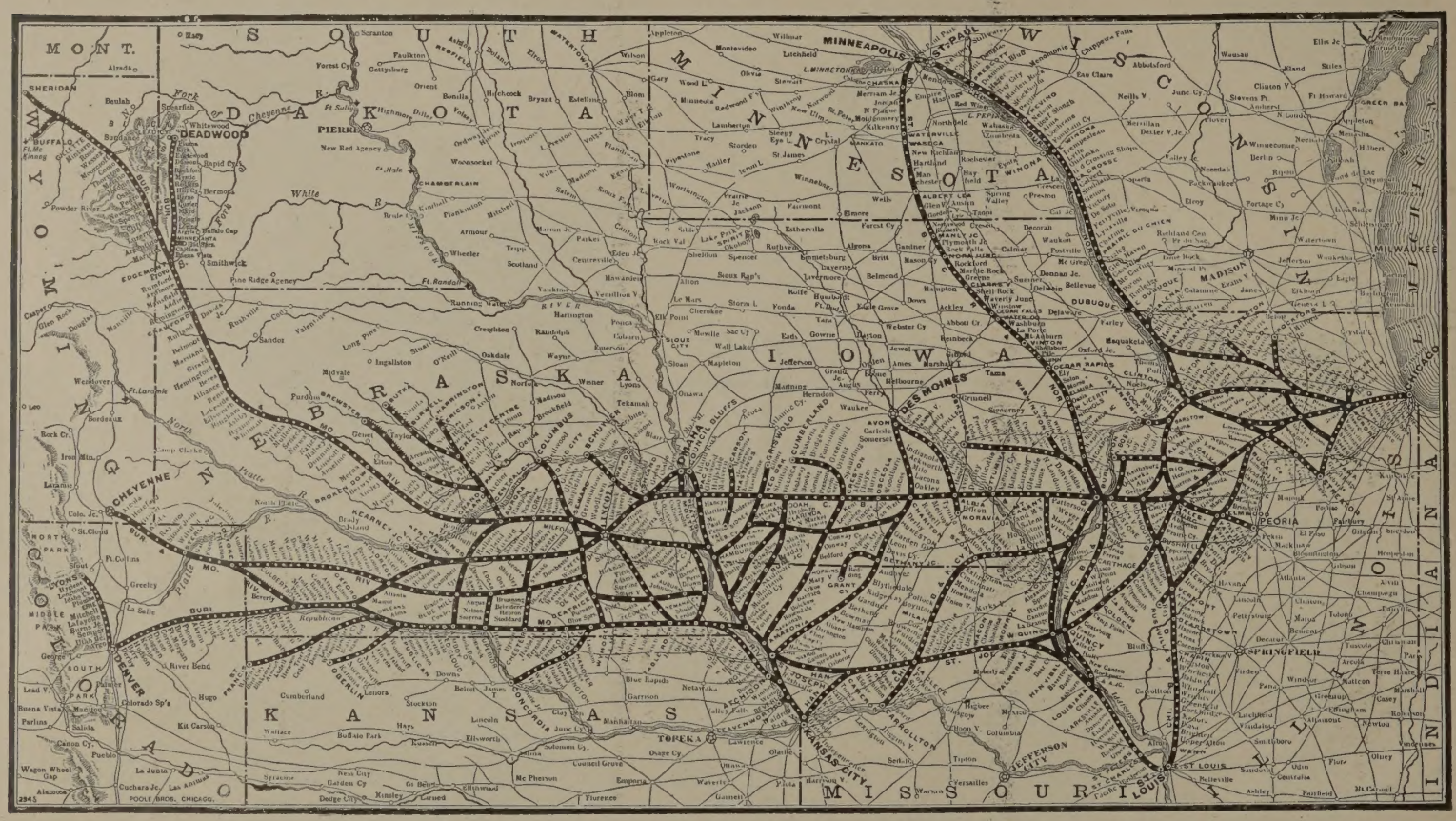
WEST, NORTHWEST AND SOUTHWEST.



THROUGH DAILY TRAINS OVER ITS OWN DIRECT LINES, BETWEEN

CHICAGO PEORIA AND SAINT LOUIS

AND

OMAHA, DEADWOOD, ATCHISON,
LINCOLN, KANSAS CITY, ST. PAUL,
DENVER, ST. JOSEPH, MINNEAPOLIS.

THE COLUMBIAN WORLD'S FAIR.

The World's Columbian Exposition, at Chicago, U. S. A., will open on May 1, 1893. The Exposition is under the auspices of the United States Government. Its participants include not only the United States Government and the forty-four States and five Territories of the American Union, but also nearly every foreign government. Its international character is assured.

GENERAL INFORMATION.

Jackson Park and Midway Plaisance—the Exposition site—are in the southeastern part of Chicago, and embrace 664 acres, with a frontage of about a mile and a half on Lake Michigan. Forty-five miles of boulevard connect the site with the general park system of Chicago, which embraces fifteen or more parks, aggregating 2,000 acres.

Half a million of dollars has already been expended in grading Jackson Park, and dredging extensive waterways throughout it. Hundreds of thousands are yet to be spent for landscape gardening, fountains, statuary, pleasure boats, etc. A number of observation towers, from which excellent views of the buildings and grounds can be obtained, will be erected in different parts of the Park.

According to present plans fully 150 restaurants and cafes will be in operation in the various buildings and about the grounds. These will be conveniently distributed, and will have an aggregate seating capacity of 6,000 or 8,000.

Midway Plaisance, connecting Jackson Park with Washington Park, will be occupied throughout its entire length by special Exposition features, largely of a foreign character, such as the "Bazaar of All Nations," "Street in Cairo," "Street in Constantinople," "Moorish Palace," "Maori Village," etc., to which concessions have been granted, and which, in their production, will represent the expenditure of hundreds of thousands of dollars. Panoramas, cycloramas, the sliding railways, etc., will also be located there.

A single entrance fee, probably 50 cents, will entitle visitors to see the entire Exposition proper. The special attractions on Midway Plaisance will make a moderate additional charge.

The hotel accommdations of Chicago, already very extensive, are being augmented by the erection of fully twenty new hotels, some of which are very large. Two million dollars or more are to be spent by the city and the park commissioners in putting the streets, parks, etc., in presentable condition against the influx of visitors.

It may be said to be assured that the exhibits at the Exposition will cover a wider range and be far more numerous than were ever before gathered together. They will present a picture of the condition and industrial progress of mankind in every quarter of the world, and of its achievements in every branch of the sciences and arts. The Exposition classification embraces 12 departments, 176 groups, and 967 classes. The application for space by intending exhibitors in the United States alone, numbered 2,082 on January 1. The number at the Philadelphia Centennial on corresponding date was 864. Applications from foreign exhibitors are reported very numerous and rapidly increasing. It seems assured that the exhibitors will outnumber those at any previous world's fair. The allotment of space will be made about June. The reception of exhibits will begin about November 1, 1892, and continue until April 10, 1893. No charge will be made for space for exhibits.

The Exposition buildings, as required by Act of Congress, will be dedicated "with appropriate ceremonies," on October 12, 1892, the 400th anniversary of the discovery of America by Columbus. The exercises will occupy three days, beginning on the 11th and closing on the 13th with a grand dedication ball. The Committee having the matter in charge has planned to make the ceremonies most impressive in character. Something like $300,000 will be spent to secure this end. The President of the United States and his Cabinet, the Senate and House of Representatives, the Governors of the several States with their staffs, and representatives of all foreign nations, will be invited to be present. The mobolization of 10,000 militia and several thousand regulars is planned, as is also an imposing civic and industrial display. In the evenings there will be a magnificent display of fireworks, and in the Park waterways a pageant of symbolical floats, representing the "Procession of the Centuries." In the dedicatory exercises on the 12th, the completed buildings will be tendered by the President of the Exposition to the National Commission. President T. W. Palmer will accept them on behalf of that body and will at once present them to the President of the United States, who will fittingly respond. The dedicatory oration will follow. Much attention is being given to the musical portion of the programme. This will include a dedicatory ode and orchestra marches written for the occasion. These, and other numbers, including "America" and "Star Spangled Banner," will be rendered with full choral and orchestral accompaniment.

In April, 1893, a grand international naval review, preliminary to the opening of the Exposition, as provided for by Act of Congress, will be held in New York harbor. Arrangements for this are now being made.

The Exposition will open its doors to the public on May 1, 1893, and close them on October 30, of the same year.

WATER, SEWERAGE, LIGHTING, ETC.

To supply the Exposition buildings and grounds with water two plants are being put in, one with a capacity of 24,000,000 gallons a day, and the other of 40,000,000 gallons. Thus 64,000,000 gallons a day will be available. The pumping works and all of the great machinery furnishing power to the Exposition, will be open to the inspection of visitors.

A system for drainage, believed to be adequate and perfect, has been adopted. Perfect sewerage, too, has been planned. All refuse from the cafes and kitchens, and from the lavatories and closets, of which 6,500 will be constructed, at an expense of some $450,000, will be received by injectors, and forced by compressed air through underground pipes into huge tanks, where it will be treated chemically and rendered entirely inoffensive. Work upon these systems is progressing.

Plans adopted for lighting the buildings and grounds provide for 138,218 electric lamps, of which 6,766 are to be arc lamps of 2,000 candle power each, and 131,452 incandescent, 16 candle power each. The electric lighting will cost something like $1,500,000, and will be ten times as extensive as was employed at the Paris Exposition. The light and motive plant at the Exposition, it is estimated, will require 26,000 horse power, of which 22,000 will be required for the electric plant.

THE EXPOSITION BUILDINGS.

The size and cost of the great Exposition buildings are indicated in the following table:

BUILDINGS.	Dimensions in feet.	Area in Acres.	Cost.	BUILDINGS.	Dimensions in feet.	Area in Acres.	Cost.
Man'f'rs and Liberal Arts	787x1,687	30.5	$1,500,000	Agriculture	500x800	9.2	618,000
Administration	262x262	1.6	435,000	" Annex	300x550	3.8	
Mines	350x700	5.6	265,000	" Asse'y Hall, etc.	125x450	1.3	100,000
Electricity	345x690	5.5	401,000	Forestry	208x528	2.5	100,000
Transportation	256x960	5.6	370,000	Saw Mill	125x300	.9	35,000
" Annex	425x900	8.8		Dairy	100x200	.5	30,000
Women's	199x388	1.8	188,000	Live Stock (3)	65x200	.9	
Art Galleries	320x500	3.7	670,000	" Pavilion	280x440	2.8	335,000
" Annexes (2)	120x200	1.1		" Sheds		40.	
Fisheries	165x365	1.4	224,000	Casino	120x250	.7	*210,000
" Annexes (2)	135 diam.	.8		Music Hall	120x250	.7	
Horticulture	2 0x998	5.7	300,000			153.8	$7,041,000
" Greenhouses (8)	24x100	.5	25,000				
Machinery	492x846	9.6	1,200,000	U. S. Government	345x415	3.3	400,000
" Annex	490x550	6.2		" Imitation Battleship	69.25x348	.3	100,000
" Power House	100x461			Illinois State	160x450	1.7	250,500
" Pumping Works	77x 84	2.1	85,000	" Wings (2)		.3	
" Machine Shop	146x250					159.4	$7,791,000

* Including connecting peristyle.

The last three were erected—the first two by the United States Government, and the third by the State of Illinois. The visitor, however, will naturally class them among the great Exposition structures.

The Exposition buildings, not including those of the Government and Illinois, have also a total gallery area of 45.9 acres, thus making their total floor space 199.7 acres. The Fine Arts building has 7,885 lineal feet, or 145,852 square feet of wall space.

All of the annexes will be scarcely less imposing and architecturally beautiful than the main buildings themselves. The livestock sheds, which will cover an immense area as indicated, are constructed as inexpensively as possible without marring the general architectural effect. The power houses, pumping works, etc., are exhibits in themselves, and so constructed as to be readily inspected by visitors. There will be several Exposition buildings in addition to those named, but data concerning them are not yet fully determined. Among them will be a Press building, in which every possible convenience and accommodation for the press representatives of the world will be provided; and a reproduction of the Spanish convent, La Rabida, in which a wonderfully complete collection of Columbus relics and allied exhibits will be gathered. The total cost of the Expositition structures alone is estimated at $8,000,000.

MONEY IS NOT BEING SPARED.

The amount ($8,000,000) which the Exposition Company expects to expend upon buildings represents less than one-half of its total estimated expenditure for the great enterprise. Following are estimates of various other expenses prepared by the Grounds and Building Committee:

Grading, filling, etc.	$ 450,400
Landscape gardening	323,490
Viaducts and bridges	125,000
Piers	70,000
Waterway improvements	225,000
Railways	500,000
Steam plant	800,000
Electricity	1,500,000
Statuary on buildings	100,000
Vases, lamps, and posts	50,000
Seating	8,000
Water supply, sewerage, etc.	600,000
Improvement of lake front	200,000
World's Congress Auxiliary	200,000
Construction department expenses, fuel, etc.	520,000
Organization and administration	3,308,563
Operating expenses during Exposition	1,550,000
	$10,530,453

Add to this the amount for buildings ($8,000,000) and the grand total sum to be expended by the Exposition Company stands at $18,530,453. This does not include, of course, the expenditure by the United States Government, the States of the Union, or foreign countries. Of this $18,530,453, about $17,000,000 must be paid out before the gates of the Exposition are thrown open to the public on May 1, 1893.

THE WORLD'S CONGRESS AUXILIARY.

This constitutes the intellectual and moral branch of the Exposition. Its motto is, "Not Matter, but Mind," and it is organized to provide for the presentation, by papers, addresses and discussion, of the mental and moral status and achievements of the human race. Under its auspices a series of congresses will be held in Chicago during the progress of the Exposition, in which, it is already assured, will participate a great many of the ablest living representatives in the various fields of intellectual effort and moral endeavor. The Auxiliary embraces between fifteen and twenty main Departments, such as Literature, Government, Education, Music, Science, Art, Engineering, etc., in each of which are subdivisions. A programme is being arranged for congresses in each of these Departments and divisions, in which specialists and advanced thinkers may participate in discussing the vital and important questions, and presenting the best and latest achievements of the human mind in each. During the Exposition the Auxiliary will have the use of a magnificent permanent Art Palace, which the Chicago Art Institute, aided by the Exposition Directory, is about erecting on the lake front. This will have two large audience rooms, each of 3,500 capacity, and from twenty to thirty smaller rooms, of capacity ranging from 300 to 750. The great Auditorium will also be utilized for the larger congresses, and numerous other halls are available when required. Each congress will be supervised by a committee of persons actively interested in its particular field, acceptance of such responsibility having already been given. The prospects are that fully 100 congresses altogether will be held. It is the intention to publish their proceedings in enduring form. Detailed information concerning the Auxiliary, or any of its Departments or divisions, can be obtained of its president, Charles C. Bonney.

THE BOARD OF LADY MANAGERS.

The participation of women in the Exposition promises to be one of its most interesting as well as novel features. With a commodious and imposing building, designed by a young lady architect, and with an abundance of money, and with full recognition, indorsement, and aid by the United States Government and the Exposition Directory, the women have an opportunity of showing in most signal manner, the condition of their sex throughout the world, what are the achievements of woman in the various branches of human endeavor, and what is her adaptability to different occupations and lines of industrial and charitable work. Under the direction of the Board's president,—Mrs. Potter Palmer,—the work of organization, and of enlisting the interest of women throughout the United States, and in foreign countries, has progressed to a most satisfactory stage.

TRANSPORTATION MATTERS.

Transportation to and from the Exposition, both for visitors and exhibits, will be as perfect as it is possible to make it, both in the matter of facilities and rates. Greatly reduced rates on all railroads and some of the steamship lines will prevail. Definite arrangements are yet to be perfected. Much attention is being given to the question of furnishing abundant facilities for reaching the grounds from all parts of Chicago, and it can be asserted that existing means, already extensive, will be increased so that a maximum of 400,000 a day can be carried to and from the grounds. For the transportation of exhibits, arrangements have already been made with nearly 500 railway and steamship lines, including all of the trunk railroads and more important lines in the United States. Of these transportation lines, 417 have agreed to charge regular tariff rates on exhibits to the Exposition, and to return them to starting points free of charge, providing their ownership remains unchanged. Thirty-seven have agreed to charge half regular rates both ways, and thirty-three have promised to transport them free both to and from the Exposition. The Atlantic Transport Line of Steamers, which runs freight steamships between London and New York, Philadelphia and Baltimore, will make no charge on exhibits in either direction, except on such as, owing to their excessive size or weight, require extra help in their handling. In such cases, only the expense of the extra help will be charged. Foreign exhibits will be admitted free of all duty. Such exhibits, however, if sold in this country, will be subject to payment of regular customs duties.

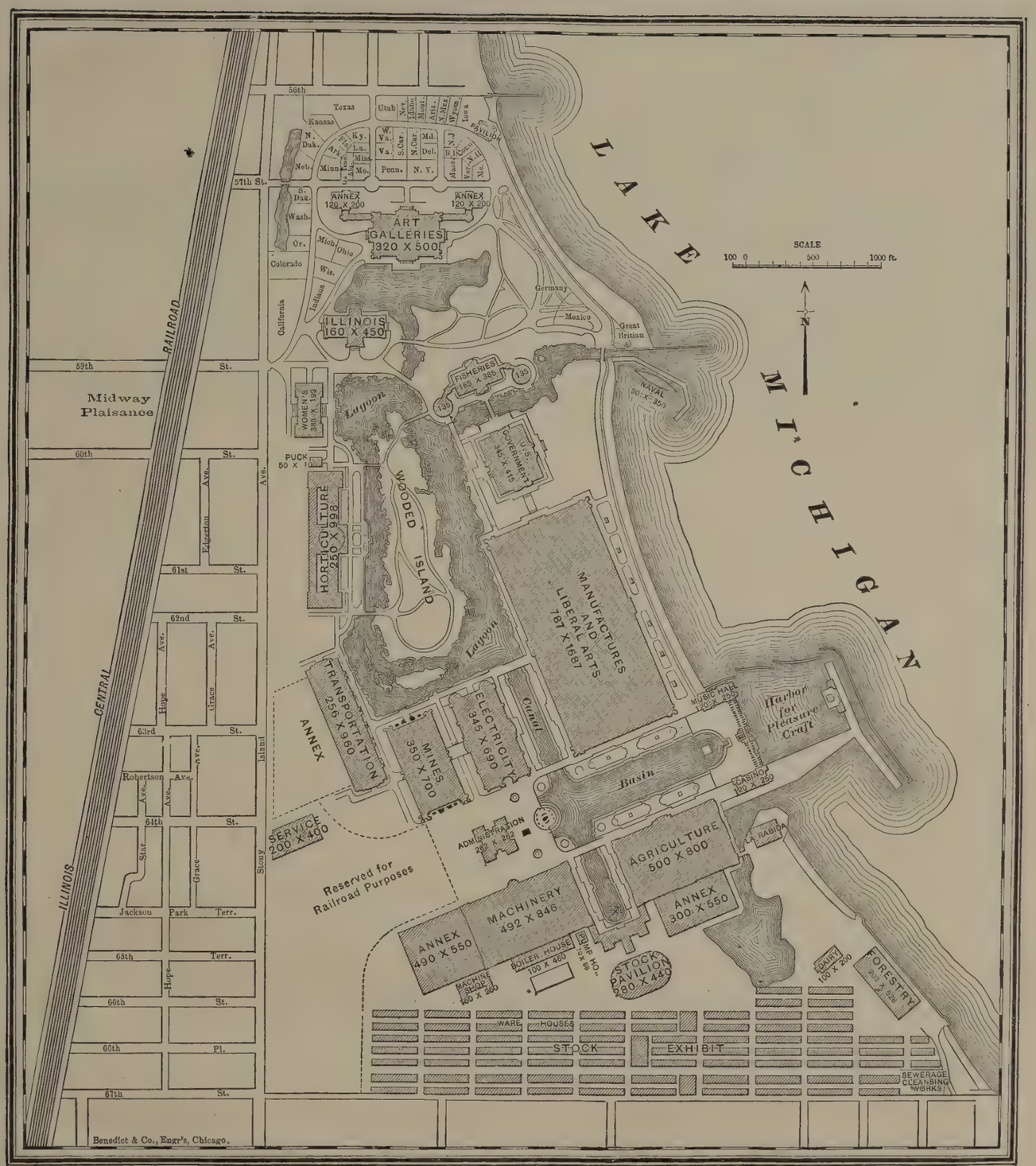
TABLE SHOWING THE

POPULATIONS AND DISTANCES FROM CHICAGO,

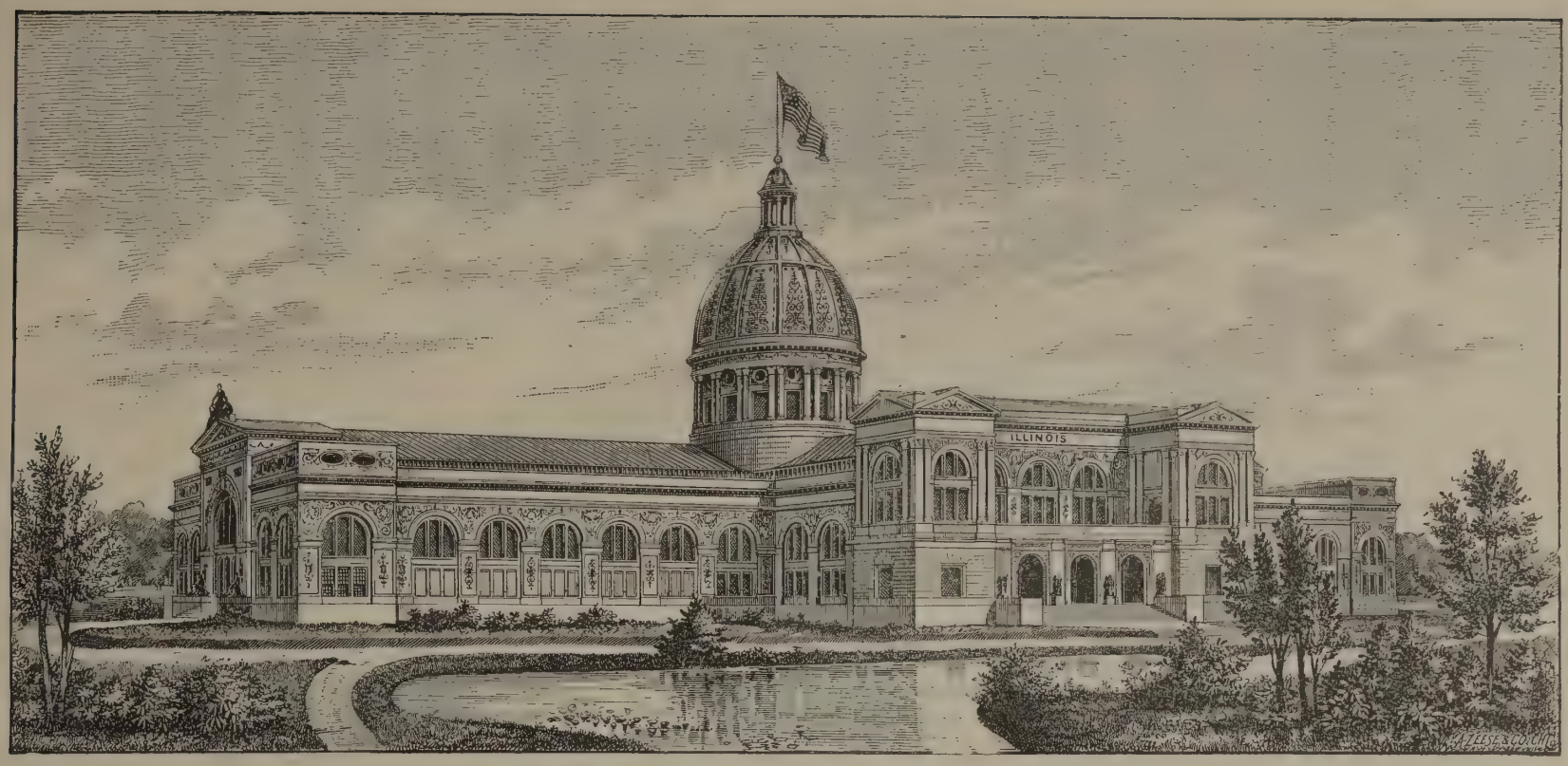
Of all Cities in the United States and Canada, of 9,000 and upwards.

	Population.	Dist. from Chicago.
ALABAMA	1,513,017	
Birmingham	26,178	784
Mobile	31,076	827
Montgomery	21,883	812
ARIZONA	59,620	
ARKANSAS	1,128,179	
Ft. Smith	11,311	698
Hot Springs	8,086	696
Little Rock	25,874	628
Pine Bluff	9,952	633
CALIFORNIA	1,208,130	
Los Angeles	50,395	2,712
Sacramento	26,386	2,267
San Diego	16,159	2,347
San Francisco	298,997	2,357
San Jose	18,060	2,309
Santa Rosa	5,220	2,409
COLORADO	412,198	
Denver	106,713	1,127
Leadville	10,384	1,278
Pueblo	24,558	1,092
DELAWARE	168,493	
Wilmington	61,431	845
CONNECTICUT	746,258	
Bridgeport	48,866	968
Danbury	16,552	972
Greenwich	10,131	940
Hartford	53,230	1,035
Manchester	8,222	1,043
Meriden	21,652	1,068
Middletown	9,012	978
New Britain	19,007	1,026
New Haven	81,298	1,049
New London	13,757	1,036
Norwalk	17,749	953
Norwich	16,156	1,003
Stamford	15,700	945
Vernon	8,808	1,047
Waterbury	28,646	1,002
Windham	10,022	1,013
WASHINGTON, D. C.	230,392	811
FLORIDA	391,422	
Jacksonville	17,201	1,030
Key West	18,080	1,474
Pensacola	11,750	974
GEORGIA	1,837,353	
Athens	8,629	895
Atlanta	65,533	794
Augusta	33,300	965
Brunswick	8,459	1,065
Columbus	17,303	997
Macon	22,746	897
Savannah	43,189	1,089
IDAHO	84,385	
Boise City	2,311	1,874
ILLINOIS	3,826,351	
Alton	10,294	257
Aurora	19,688	45
Belleville	15,361	299
Bloomington	20,484	126
Cairo	10,324	366
Chicago	1,099,850	
Danville	11,491	124
Decatur	16,841	184
East St. Louis	15,169	284
Elgin	17,823	37
Freeport	10,189	114
Galesburg	15,264	163
Jacksonville	12,935	215
Joliet	23,264	41
Moline	12,000	170
Ottawa	9,985	84
Peoria	41,024	161
Quincy	31,494	262
Rockford	23,584	93
Rock Island	13,632	194
Springfield	24,963	185
Streator	11,414	94
INDIANA	2,192,404	
Anderson	10,741	180
Elkhart	11,360	101
Evansville	50,756	284
Fort Wayne	35,393	148
Indianapolis	105,436	183
Jeffersonville	10,666	322
Kokomo	8,261	140
Lafayette	16,243	134
Logansport	13,328	117
Madison	8,936	269
Marion	8,769	157
Michigan City	10,774	58
Muncie	11,345	219
New Albany	21,059	317
Richmond	16,608	229
South Bend	21,819	86
Terre Haute	30,217	178
Vincennes	8,853	235
IOWA	1,911,896	
Burlington	22,565	206
Cedar Rapids	18,020	249
Clinton	13,619	138
Council Bluffs	21,474	490
Davenport	28,872	624
Des Moines	50,093	363
Dubuque	30,311	199
Keokuk	14,101	184
Marshalltown	8,914	320
Muscatine	11,454	211
Ottumwa	13,619	281
Sioux City	37,806	327
KANSAS	1,427,096	
Arkansas City	8,347	737
Atchison	13,963	490
Ft. Scott	11,946	534
Hutchinson	8,682	693
Kansas City	38,316	488
Lawrence	9,997	499
Leavenworth	19,768	577
Topeka	31,007	555
Wichita	23,853	686
KENTUCKY	1,858,635	
Covington	37,371	307
Henderson	8,835	299
Lexington	21,567	384
Louisville	161,129	322
Newport	24,918	306
Owensborough	9,837	329
Paducah	12,797	381
LOUISIANA	1,118,589	
Baton Rouge	10,478	910
New Orleans	242,039	915
Shreveport	11,979	815
MAINE	661,086	
Auburn	11,250	1,214
Augusta	10,527	1,200
Bangor	19,103	1,274
Bath	8,723	1,176
Bideford	14,443	1,115
Lewiston	21,701	1,187
Portland	36,425	1,152
Rockland	8,174	1,224
MASSACHUSETTS	2,238,943	
Adams	2,213	880
Amesbury	9,798	1,059
Beverly	10,821	1,034
Boston	448,447	1,016
Brocton	27,294	1,036
Brookline	12,103	1,019
Cambridge	70,028	1,020
Chelsea	27,909	1,018
Chicopee	14,050	923
Clinton	10,424	1,041
Everett	11,068	1,019
Fall River	74,398	1,024
Fitchburg	22,037	978
Framingham	9,239	1,051
Gardner	8,424	988
Gloucester	24,651	1,047
Haverhill	27,412	1,049
Holyoke	35,637	926
Hyde Park	10,193	1,020
Lawrence	44,654	1,044
Lowell	77,696	1,042
Lynn	55,727	1,025
Malden	23,031	1,021
Marblehead	8,202	1,033
Marlborough	13,805	1,102
Medford	11,079	1,021
Melrose	8,519	1,023
Milford	8,780	1,066
Natick	9,118	1,001
New Bedford	40,733	1,029
Newton	24,379	1,009
Newburyport	13,947	1,053
North Adams	16,074	875
Northampton	14,990	908
Peabody	10,158	1,039
Pittsfield	17,281	865
Quincy	16,723	1,025
Salem	30,801	1,041
Somerville	40,152	1,018
Spencer	8,747	946
Springfield	44,179	918
Taunton	25,448	1,050
Waltham	18,707	1,026
Westfield	9,805	880
Weymouth	10,866	1,031
Woburn	13,499	1,026
Worcester	84,665	972
MARYLAND	1,042,390	
Baltimore	434,439	853
Cumberland	12,729	461
Frederick	8,193	795
Hagerstown	10,118	765
MICHIGAN	2,093,889	
Adrian	8,756	211
Alpena	11,283	552
Ann Arbor	9,431	248
Battle Creek	13,197	165
Bay City	27,839	354
Detroit	205,876	296
Flint	9,803	269
Grand Rapids	60,278	183
Ishpeming	11,197	392
Jackson	20,708	210
Kalamazoo	17,853	142
Lansing	13,102	247
Manistee	12,812	296
Marquette	9,093	401
Menominee	10,630	238
Muskegon	22,702	198
Port Huron	13,543	335
Saginaw	46,322	310
West Bay City	12,981	355
MINNESOTA	1,301,826	
Duluth	33,115	554
Minneapolis	164,738	420
Mankato	8,838	432
St. Paul	133,156	409
Stillwater	11,260	415
Winona	18,208	306
MISSISSIPPI	1,289,600	
Meridian	10,624	937
Vicksburg	13,373	776

	Population.	Dist. from Chicago.
MISSOURI	2,679,184	
Hannibal	12,857	281
Joplin	9,943	555
Kansas City	132,716	488
Moberly	8,206	351
Sedalia	14,068	460
Springfield	21,850	521
St. Joseph	52,324	469
St. Louis	451,770	283
MONTANA	132,159	
Butte City	10,723	1,654
Helena	13,834	1,582
NEBRASKA	1,058,910	
Beatrice	13,836	627
Hastings	13,584	644
Lincoln	55,154	547
Nebraska City	11,494	502
Omaha	140,452	493
Plattsmouth	8,392	487
South Omaha	8,062	495
NEVADA	45,761	
NEW HAMPSHIRE	376,530	
Concord	17,004	1,072
Dover	12,790	1,103
Manchester	44,126	1,118
Nashua	19,311	1,037
Portsmouth	9,827	1,092
NEW JERSEY	1,444,933	
Atlantic City	13,055	881
Bridgetown	11,424	860
Burlington	7,264	841
Camden	58,313	823
Elizabeth	37.764	898
Harrison	8,338	904
Hoboken	43,648	911
Jersey City	163,003	911
NEW MEXICO	153,593	
Las Vegas	2,585	1,244
Santa Fe	6,185	1,327
NEW YORK	5,997,853	
Albany	94,923	833
Amsterdam	17,336	800
Auburn	25,858	681
Binghampton	35,005	755
Brooklyn	806,341	912
Buffalo	255,664	536
Cohoes	22,509	837
Corning	8,550	688
Dunkirk	9,416	500
Elmira	30,893	696
Flushing	8,436	937
Gloversville	13,864	799
Hempstead	4,831	932
Hornellsville	10,996	628
Hudson	9,970	862
Huntington	3,028	947
Islip	8,783	955
Ithaca	11,079	695
Jamaica	5,361	922
Jamestown	16,038	665
Kingston	21,261	916
Lansingburgh	10,550	866
Lockport	16,038	563
Long Island	30,506	913
Middletown	11,977	925
New Brighton	16,423	922
Newburgh	23,087	924
Newtown	17,549	918
New York City	1,513,301	912
Ogdensburgh	11,662	792
Oswego	21,842	677
Oyster Bay	13,870	935
Peekskill	9,676	934
Poughkeepsie	22,206	903
Rochester	133,896	605
Rome	14,991	724
Saratoga Springs	11,975	856
Schenectady	19,902	816
South Hampton	8,200	1,002
Syracuse	88,143	686
Troy	60,956	833
Utica	44,007	
Watertown	14,725	724
West Troy	12,967	834
Yonkers	32,033	961
NORTH CAROLINA	1,617,947	
Asheville	10,235	796
Charlotte	11,557	956
Raleigh	12,678	1,070
Wilmington	20,056	1,143
NORTH DAKOTA	182,719	
Bismarck	2,186	854
OHIO	3,672,316	
Akron	27,601	345
Ashtabula	8,337	411
Bellaire	9,934	465
Canton	26,189	367
Chillicothe	11,288	464
Cincinnati	296,908	366
Cleveland	261,353	357
Columbus	88,150	314
Dayton	61,220	265
Delaware	8,224	289
East Liverpool	10,956	460
Findlay	18,553	232
Hamilton	17,565	267
Ironton	10,939	427
Lima	15,981	208
Lancaster	7,555	346
Mansfield	13,473	294
Marietta	8,273	575
Marion	8,327	268
Massilon	10,092	359
Newark	14,270	359
Piqua	9,090	241
Portsmouth	12,394	472
Sandusky	18,471	292
Springfield	31,895	301
Steubenville	13,394	464
Tiffin	10,801	246
Toledo	81,434	243
Xenia	7,301	281
Youngstown	33,220	422
Zanesville	21,009	383
OREGON	313,767	
East Portland	10,532	2,296
Portland	46,385	2,296
PENNSYLVANIA	5,258,014	
Allegheny City	105,287	467
Allentown	25,228	807
Altoona	30,337	585
Beaver Falls	9,735	438
Bradford	10,514	629
Braddock	8,561	470
Butler	8,734	498
Carbondale	10,823	782
Carlisle	7,620	736
Chambersburgh	7,863	769
Chester	20,226	825
Columbia	10,599	727
Danville	7,998	757
Dunmore	8,315	802
Easton	14,481	827
Erie	40,634	451
Harrisburgh	39,385	717
Hazleton	11,872	777
Johnstown	21,805	547
Lancaster	32,011	754
Lebanon	14,664	743
McKeesport	20,741	483
Mahanoy City	11,286	739
Meadville	9,520	371
Mount Carmel	8,254	787
Nanticoke	10,044	797
New Castle	11,600	559
Norristown	19,791	832
Oil City	10,932	601
Philadelphia	1,046,964	822
Phoenixville	8,514	850
Plymouth	9,344	781
Pittsburgh	238,617	468
Pittstown	10,302	827
Pottstown	13,285	862
Pottsville	14,117	895
Reading	58,661	761
Scranton	75,215	801
Shamokin	14,403	779
Shenandoah	15,944	742
South Bethlehem	10,302	817
Steelton	9,250	720
Titusville	8,073	619
Wilkes Barre	37,718	803
Williamsport	27,132	800
York	20,793	918
RHODE ISLAND	345,506	
Newport	19,457	1,116
Pawtucket	27,633	1,123
Providence	132,146	1,120
Woonsocket	20,830	1,094
SOUTH CAROLINA	1,151,149	
Charleston	54,955	1,132
Columbia	15,353	1,012
Greenville	8,607	906
SOUTH DAKOTA	328,808	
Sioux Falls	10,177	596
Deadwood	2,366	1,125
TENNESSEE	1,767,518	
Clarksville	7,923	435
Chattanooga	29,100	642
Jackson	10,039	474
Knoxville	22,535	663
Memphis	64,495	544
Nashville	76,168	444
TEXAS	2,235,523	
Austin	14,575	1,172
Dallas	38,067	963
Dennison	10,958	857
El Paso	10,338	1 568
Fort Worth	23,076	952
Galveston	29,084	1,296
Houston	27,557	1,241
Laredo	11,319	1,386
Paris	8,254	867
Waco	14.445	1,020
San Antonio	37,673	1,222
UTAH	207,905	
Ogden	14,889	1,523
Salt Lake City	44,843	1,561
VERMONT	332,422	
Burlington	14,590	054
Rutland	11,760	913
VIRGINIA	1,655,980	
Alexandria	14,339	881
Danville	10,305	806
Lynchburgh	19,709	860
Manchester	9,246	930
Norfolk	34,871	1,002
Petersburgh	22,680	920
Portsmouth	13,268	1,002
Richmond	81,388	927
Roanoke	16,159	725
WASHINGTON	349,390	
Seattle	42,837	2,318
Spokane Falls	19,922	1,921
Tacoma	36,006	2,318
WEST VIRGINIA	762,794	
Huntington	10,108	527
Parkersburg	8,408	510
Wheeling	34,522	460
WISCONSIN	1,686,880	
Appleton	11,869	185
Ashland	9,956	483
Chippewa Falls	8,670	331
Eau Claire	17,415	321
Fond du Lac	12,024	148
Green Bay	9,069	198
Janesville	10,836	91
La Crosse	25,090	276
Madison	13,426	139
Marinette	11,523	262
Milwaukee	204,468	85
Oshkosh	22,836	165
Racine	21,014	61
Sheboygan	16,350	191
Superior	11,983	546
Watertown	8,755	130
Wausau	9,253	295
WYOMING	60,705	
Cheyenne	11,690	1,036
CANADA		
Halifax		1,410
Hamilton		482
London		406
Montreal		855
Ottawa		740
Quebec		1,057
St. Catherines		514
Toronto		513
Vancouver		2,100
Victoria, B. C.		2,460
Winnipeg		894



GROUND PLAN OF THE COLUMBIAN EXPOSITION.



The Illinois State Building.

The Illinois Building at the World's Columbian Exposition is by far the most pretentious of those erected by the several States of the Union. Being in a sense the host at the Exposition, it was deemed not only proper but requisite that Illinois should make such appropriation and provide such a building as would enable her to perform creditably the duties of that office. The State appropriated $800,000.

Situated on a high terrace, in one of the most favored spots in Jackson Park, the Illinois Building commands, for nearly a mile to the Southward, a view of the beautiful waterway which encircles the great island and extends to the buildings for Electricity and Mines, while to the northward, across a branch of the lagoon, is presented the imposing facade of the Palace of Fine Arts.

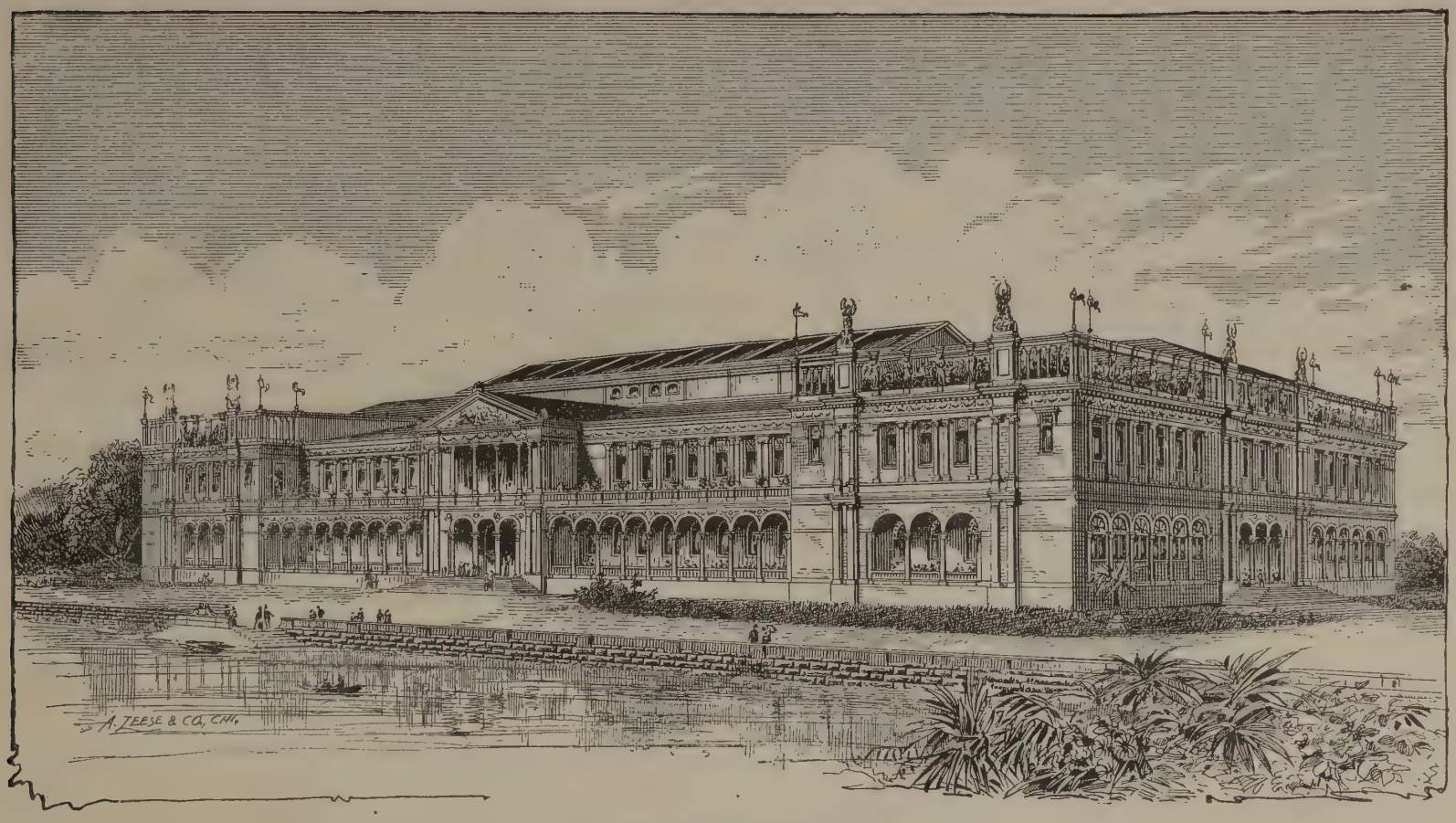
The building in the main is 160 feet wide by 450 feet long. On the north, Memorial Hall forms a wing 50 by 75 feet, and on the south another wing 75 by 123 feet, and three stories high, accommodates the executive offices, and in the third story, two public halls The side walls are 47 feet high, while the south wing is 72 feet and the ends 54 feet. Surmounting the building at the center, a fine dome, 72 feet in diameter, rises to a height of 235 feet. The building is constructed almost wholly of Illinois material—wood, stone, brick and steel—and is covered with "staff" artistically treated. The grand entrance faces the waterway to the south, while at the west and north ends are others scarcely less imposing. In front of the entrances are beautiful terraces with balustrades, statutes, fountains, flowers, and stone steps leading down to the roadways and lagoon landings.

The building is embellished with fine carvings and statuary. It is thoroughly lighted, first from the side windows, which are placed about fourteen feet above the floor to permit cases to be placed against the walls; second, with skylights placed in the flat roof of the side aisles; and third, with continuous skylights on the ridge of a pitched roof or nave. Ventilation is provided for through windows placed a story above the flat aisle roof and the foot of the sloping roof over the nave. The interior of the structure is appropriately and beautifully ornamented.

Memorial Hall, which is fire-proof, has a gallery encircling it, and contains a large and interesting collection of relics and trophies of the war and other periods, all owned by the State.

One feature of the Illinois Building which is sure to attract much attention, consists of five model common school rooms, of high grade, fully equipped and furnished under the direction of the State Superintendent of Public Instruction. There may be seen an illustration of the methods and results of educational work.

The Illinois building was designed by W. W. Boyington & Co., Chicago, and cost $250,000.



The Woman's Building.

Among a great number of sketches submitted in competition for this building by women from all over the land, the President of the Board of Lady Managers quickly discovered in the sketch submitted by Miss Sophia G. Hayden that harmony of grouping and gracefulness of details which indicate the architectural scholar, and to her was awarded the first prize of a thousand dollars, and also the execution of the design.

Directly in front of the building the lagoon takes the form of a bay, about 400 feet in width. From the center of this bay a grand landing and staircase leads to a terrace six feet above the water. Crossing this terrace other staircases give access to the ground four feet above, on which, about 100 feet back, the building is situated. The first terrace is designed in artistic flower beds and low shrubs. The principal facade has an extreme length of 400 feet, the depth of the building being half this distance. Italian renaissance is the style selected.

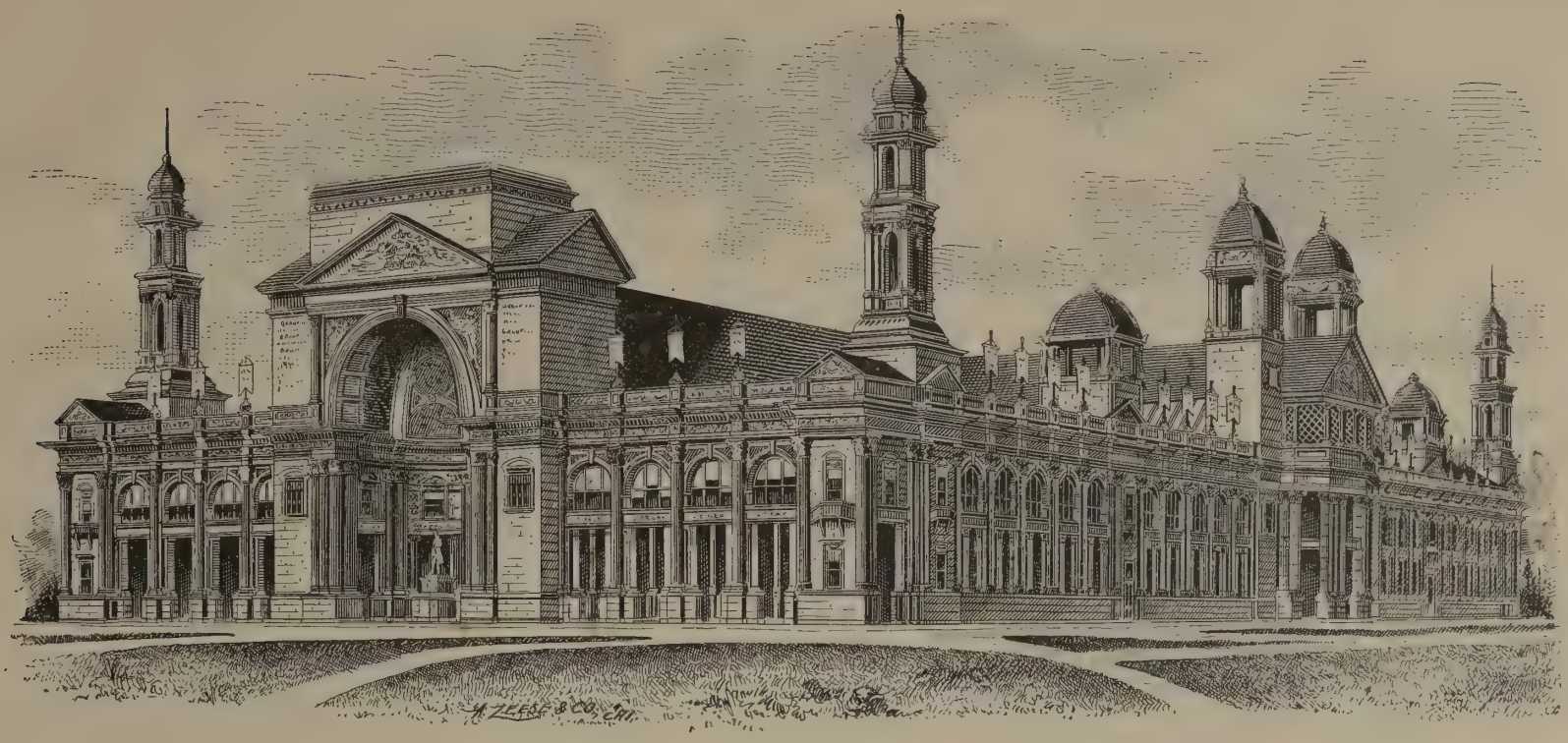
The first story is raised about ten feet from the ground line, and a wide staircase leads to the center pavilion. This pavilion, forming the main tripple-arched entrance, with an open colonnade in the second story, is finished with a low pediment enriched with a highly elaborate bas-relief. The corner pavilions have each an open colonnade added above the main cornice. Here are located the Hanging Gardens.

A lobby 40 feet wide leads into the open rotunda, 70x65 feet, reaching through the height of the building, and protected by a richly ornamented sky-light. This rotunda is surrounded by a two-story open arcade, as delicate and chaste in design as the exterior, the whole having a thoroughly Italian court-yard effect, admitting abundance of light to all rooms facing this interior space. On the first floor are located, on the left hand, a model hospital; on the right, a model kindergarten; each occupying 80x60 feet.

The whole floor of the south pavilion is devoted to the retrospective exhibit; the one on the north to reform work and charity organization. Each of these floors is 80x200 feet. The curtain opposite the main front contains the Library, Bureau of Information, records, etc.

In the second story are located ladies' parlors, committee-rooms and dressing-rooms, all leading to the open bacony in front. The whole second floor of the north pavilion incloses the great assembly-room and club-room. The first of these is provided with an elevated stage for the accommodation of speakers. The south pavilion contains the model kitchen, refreshment rooms, reception rooms, etc.

The building is encased with "staff," the same material used on the rest of the buildings, and as it stands with its mellow, decorated walls bathed in the bright sunshine, the women of the country are justly proud of the result.



The Electrical Building.

The Electrical Building, the seat of perhaps the most novel and brilliant exhibit in the whole Exposition, is 345 feet wide and 700 feet long, the major axis running north and south. The south front is on the great Quadrangle or Court; the north front faces the lagoon; the east front is opposite the Manufactures Building, and the west faces the Mines Building.

The general scheme of the plan is based upon a longitudinal nave 115 feet wide and 114 feet high, crossed in the middle by a transept of the same width and height. The nave and the transept have a pitched roof, with a range of skylights at the bottom of the pitch, and clearstory windows. The rest of the building is covered with a flat roof, averaging 62 feet in height, and provided with skylights.

The second story is composed of a series of galleries connected across the nave by two bridges, with access by four grand staircases. The area of the galleries in the second story is 118,546 square feet, or 2.7 acres.

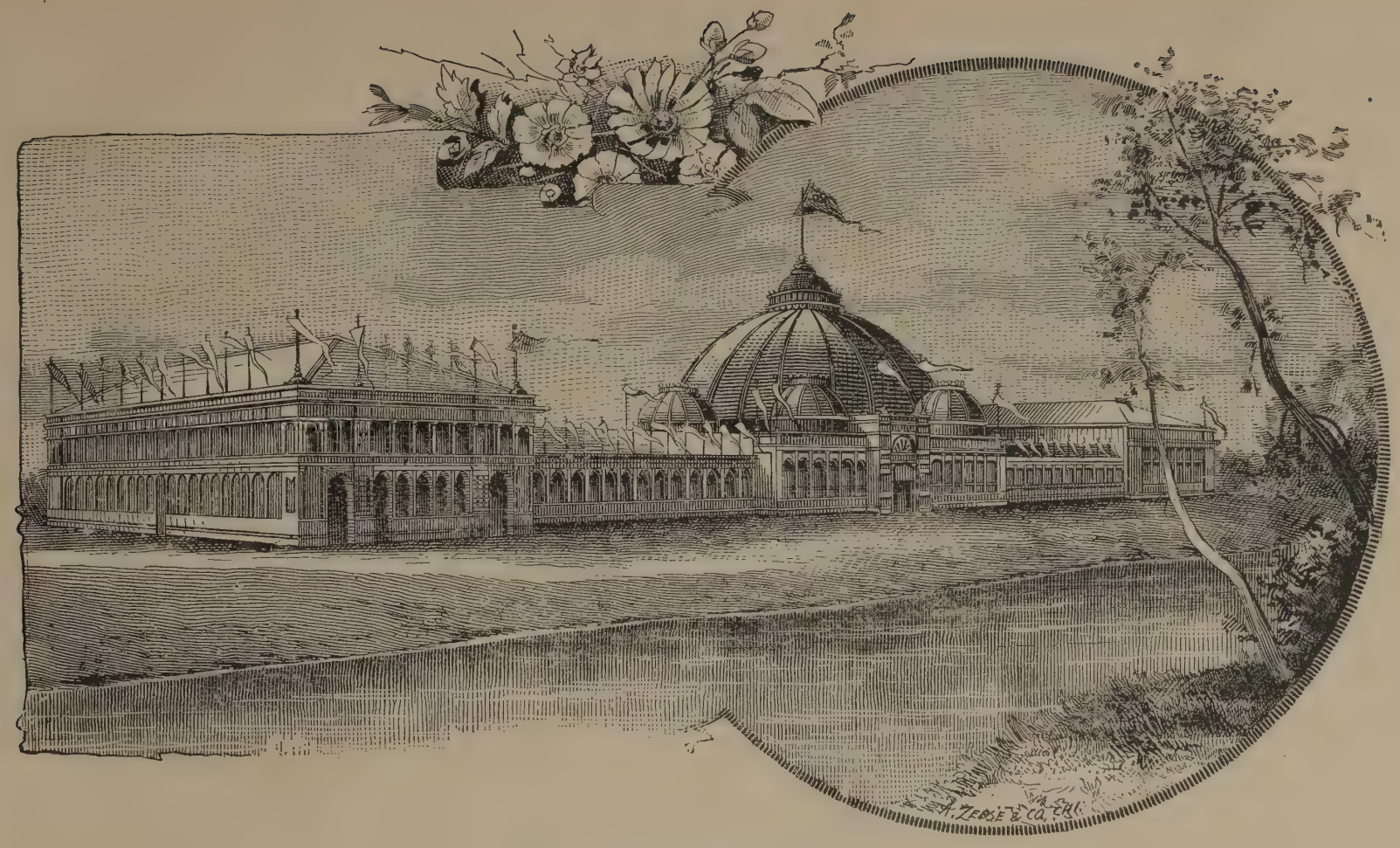
The exterior walls of this building are composed of a continuous Corinthian order of pilasters, 3 feet 6 inches wide and 42 feet high, supporting a full entablature, and resting upon a stylobate 8 feet 6 inches. The total height of the walls from the grade outside is 68 feet 6 inches.

At each of the four corners of the building there is a pavilion, above which rises a light open spire or tower 169 feet high. Intermediate between these corner pavilions and the central pavilions on the east and west sides, there is a subordinate pavilion bearing a low square dome upon an open lantern.

The Electricity Building has an open portico extending along the whole of the south facade, the lower or Ionic order forming an open screen in front of it. The various subordinate pavilions are treated with windows and balconies. The details of the exterior orders are richly decorated, and the pediments, friezes, panels and spandrils have received a decoration of figures in relief, with architectural motifs, the general tendency of which is to illustrate the purposes of the building.

The appearance of the exterior is that of marble, but the walls of the hemicycle and of the various porticos and loggia are highly enriched with color, the pilasters in these places being decorated with scagliola, and the capitals with metallic effects in bronze.

Van Brunt & Howe, of Kansas City, are the architects. The cost is $375,000.



The Horticultural Building.

Immediately south of the entrance to Jackson Park from the Midway Plaisance, and facing east on the lagoon, is the Horticultural Building. In front is a flower terrace for outside exhibits, including tanks for Nymphæa and the Victoria Regia. The front of the terrace, with its low parapet between large vases, borders the water, and at its center forms a boat landing.

The building is 1,000 feet long, with an extreme width of 250 feet. The plan is a central pavilion with two end pavilions, each connected with the central one by front and rear curtains, forming two interior courts, each 88 by 270 feet These courts are beautifully decorated in color and planted with oramental shrubs and flowers. The center of the pavilion is roofed by a crystal dome 187 feet in diameter and 113 feet high, under which are exhibited the tallest palms, bamboos and tree ferns that can be procured. There are galleries in each of the pavilions. The galleries of the end pavilions are designed for cafes, the situation and surrounding being particularly adapted to recreation and refreshment. These cafes are surrounded by an arcade on three sides from which charming views of the grounds can be obtained.

In this building are exhibited all the varieties of flowers, plants, vines, seeds, horticultural implements, etc. Those exhibits requiring sunshine and light are shown in the rear curtains, where the roof is entirely of glass and not too far removed from the plants. The front curtains and space under the galleries are designed for exhibits that require only the ordinary amount of light. Provision is made to heat such parts as require it.

The exterior of the building is in "staff," tinted in a soft warm buff, color being reserved for the interior and the courts.

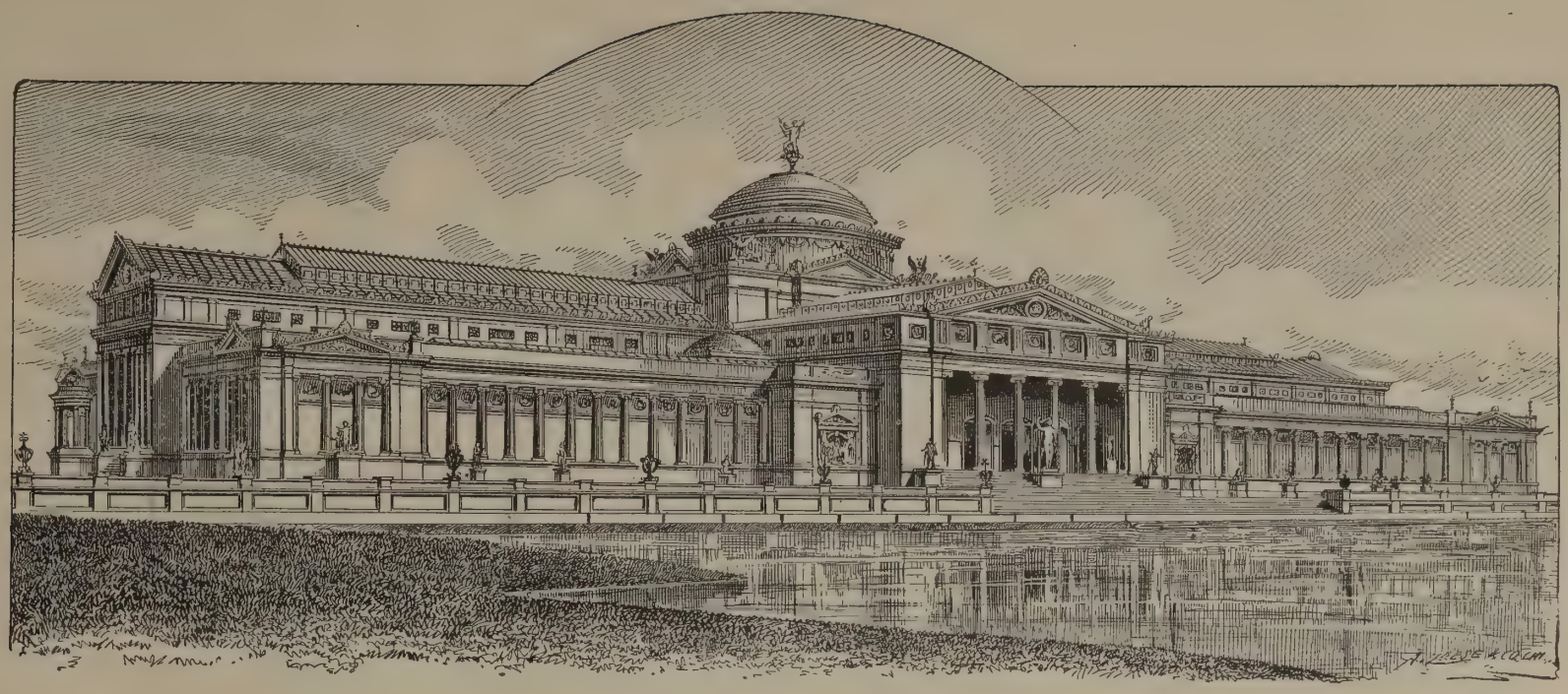
The cost of this building was about $300,000. W. L. B. Jenny, of Chicago, is the architect.

The Hall of Mines and Mining.

Located at the southern extremity of the western lagoon or lake, and between the Electricity and Transportation Buildings, is the Mines and Mining Building. This building is 700 feet long by 350 feet wide, and the architect is S. S. Beman, of Chicago. Its architecture has its inspiration in early Italian renaissance, with which sufficient liberty is taken to invest the building with the animation that should characterize a great general Exposition. There is a decided French spirit pervading the exterior design, but it is kept well subordinated. In plan it is simple and straightforward, embracing on the ground floor spacious vestibules, restaurants, toilet-rooms, etc. On each of the four sides of the building are placed the entrances, those of the north and south fronts being the most spacious and prominent. To the right and left of each entrance, inside, start broad flights of easy stairs leading to the galleries. The galleries are 60 feet wide and 25 feet high from the ground floor, and are lighted on the sides by large windows, and from above by a high clearstory extending around the building.

The main fronts look southward on the great Central Court, and northward on the western and middle lakes and an island gorgeous with flowers. The principal fronts display enormous arched entrances, richly embelished with sculptural decorations emblamatic of Mining and its allied industries. At each end of these fronts are large square pavilions, surmounted by low domes, which mark the four corners of the building, and are lighted by large arched windows extending through the galleries.

Between the main entrance and the pavilions are richly decorated arcades, forming an open loggia on the ground floor, and a deeply recessed promenade on the gallery floor level, which commands a fine view of the lakes and islands to the northward and the great Central Court on the south. These covered promenades are each 25 feet wide and 230 feet long, and from them is had access to the building at numerous points. These loggias on the first floor are faced with marbles of different kinds and hues, which will be considered part of the Mining Exhibit, and so utilized as to have marketable value at the close of the Exposition. The loggia ceilings will be heavily coffered, and richly decorated in plaster and color. The ornamentation is massed at the prominent points of the facade. The exterior presents a massive, though graceful, appearance.



The Art Palace.

Grecian-Ionic in style, the Fine Arts Building is a pure type of the most refined classic architecture. The building is oblong, and is 500 by 320 feet, intersected north, east, south, and west by a great nave and transept 100 feet wide and 70 feet high, at the intersection of which is a dome 60 feet in diameter. The building is 125 feet to the top of the dome, which is surmounted by a colossal statue of the type of famous figure of Winged Victory. The transept has a clear space the center of 60 feet, being lighted entirely from above.

On either side are galleries 20 feet wide 24 feet above the floor. The collections of the sculpture are displayed on the main floor of the nave and transept, and on the walls both of the ground floor and of the galleries are ample areas for displaying the paintings and sculptured panels in relief. The corners made by the crossing of the nave and transept through are filled with small picture galleries.

Around the entire building are galleries 40 feet wide, forming a continuous promenade around the classic structure. Between the promenade and the naves are the smaller rooms devoted to private collections of paintings and the collections of the various art schools. On either side of the main building, and connected with it by handsome corridors, are very large annexes, which are also utilized by various art exhibits.

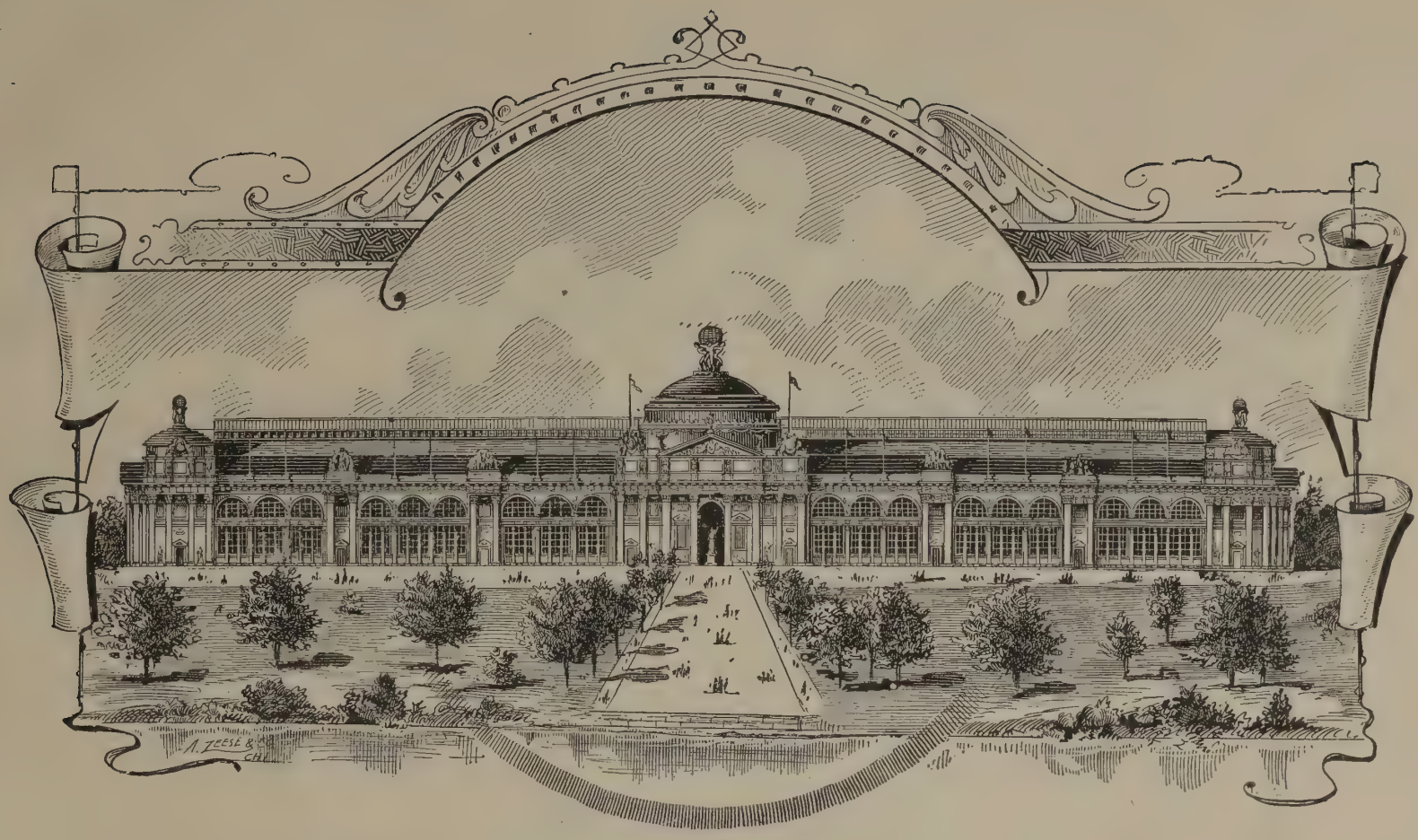
The main building is entered by four great portals, richly ornamented with architectual sculpture, and approached by broad flights of steps. The walls of the loggia of the colonnades are highly decorated with mural paintings, illustrating the history and progress of the arts. The frieze of the exterior walls and the pediments of the principal entrances are ornamented with sculptures and portraits in bas-relief of the masters of ancient art.

The general tone or color is light gray stone.

The construction, although of a temporary character, is necessarily fire-proof. The main walls are of solid brick, covered with "staff," architecturally ornamented, while the roof, floors, and galleries are of iron.

All light is supplied through glass sky-lights in iron frames.

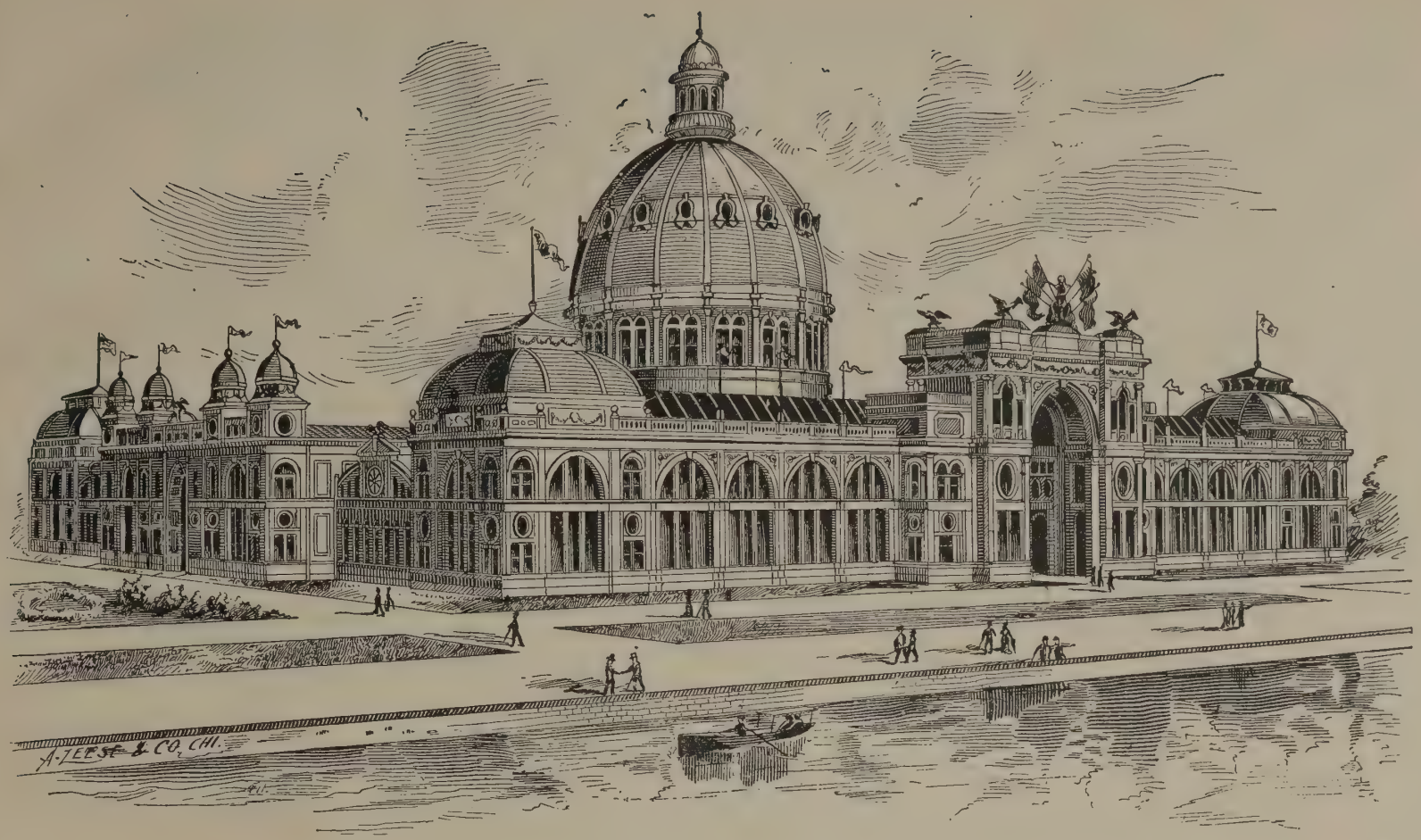
The building is located beautifully in the northern portion of the park, with the south front facing the lagoon. It is separated from the lagoon by beautiful terraces, ornamented with balustrades, with an immense flight of steps leading down from the main portal to the lagoon, where there is a landing for boats. The north front faces the wide lawn and the group of State buildings. The immediate neighborhood of the building is ornamented with groups of statues, replica ornaments of classic art, such as the Choriagic monument, the "Cave of the Winds," and other beautiful examples of Grecian art. The ornamentation also includes statues of heroic and life-size proportions.



The Agricultural Building.

One of the most magnificent structures raised for the Exposition is the Agricultural Building. The style of architecture is classic renaissance. This building is put up very near the shore of Lake Michigan, and is almost surrounded by the lagoons that lead into the Park from the lake. The building is 500x800 feet, its longest dimensions being east and west. For a single story building the design is bold and heroic. The general cornice line is 65 feet above grade. On either side of the main entrance are mammoth Corinthian pillars, 50 feet high and 5 feet in diameter. On each corner and from the center of the building pavilions are reared, the center one being 144 feet square. The corner pavilions are connected by curtains, forming a continuous arcade around the top of the building. The main entrance leads through an opening 64 feet wide into a vestibule, from which entrance is had to the rotunda, 100 feet in diameter. This is surmounted by a mammoth glass dome 130 feet high. All through the main vestibule statuary has been designed, illustrative of the Agricultural industry. Similar designs are grouped about all of the grand entrances in the most elaborate manner. The corner pavilions are surmounted by domes 96 feet high, and above these tower groups of statuary. The design for these domes is that of three female figures, of herculean proportions, supporting a mammoth globe.

To the southward of the Agricultural Building is a spacious structure devoted chiefly to a Live Stock and Agricultural Assembly Hall. This building is conveniently near one of the stations of the elevated railway. On the first floor, near the main entrance of the building, is located a bureau of information. This floor also contains suitable committee and other rooms for the different live stock associations. On this floor there are also large and handsomely equipped waiting-rooms. Broad stairways lead from the first floor into the Assembly-room, which has a seating capacity of about 1,500. This Assembly-room furnishes facilities for lectures, delivered by gentlemen eminent in their special fields of work, embracing every interest connected with live stock, agriculture and allied industries.



The Government Bullding.

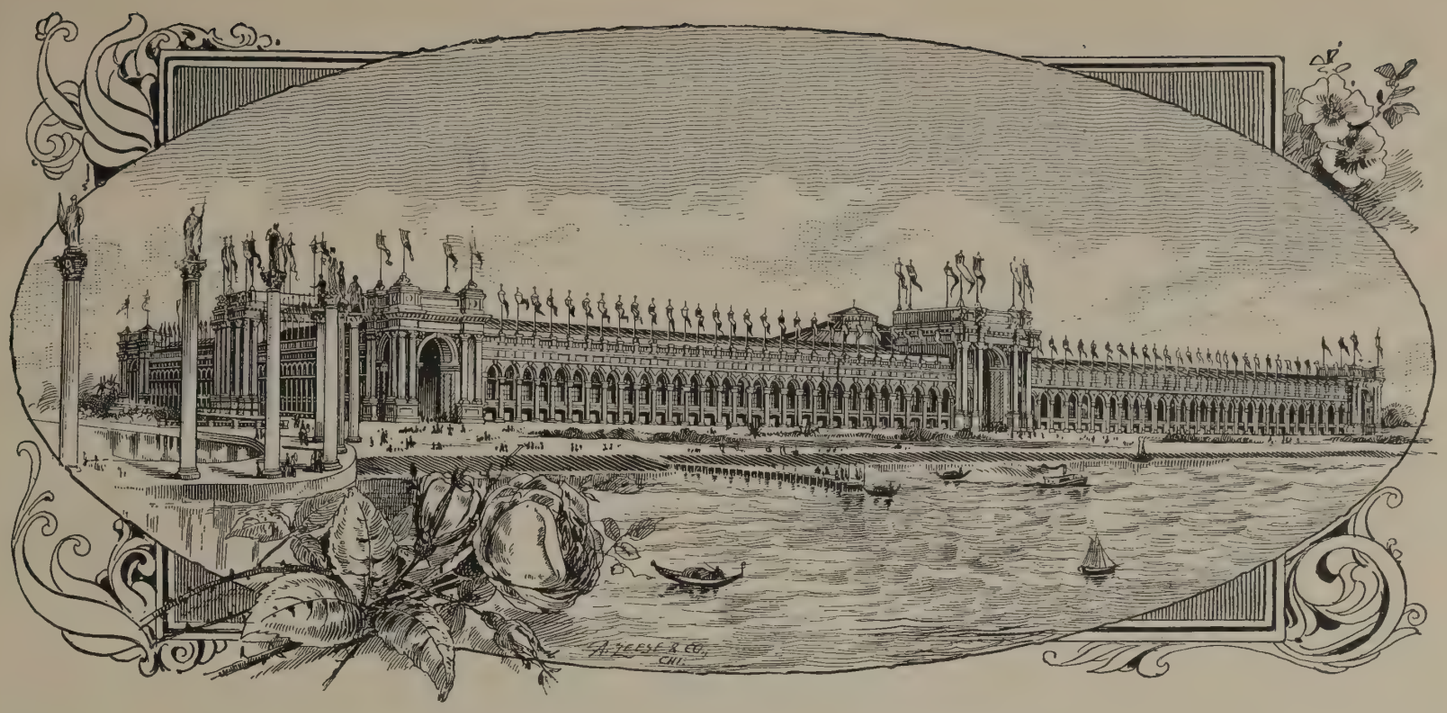
Delightfully located near the Lake shore, south of the main lagoon and of the area reserved for the Foreign Nations and the several States, and east of the Women's Building and of Midway Plaisance, is the Government Exhibit Building. The buildings of England, Germany and Mexico are near by to the northward. The Government Building was designed by Architect Windrim. It is classic in style, and bears a strong resemblance to the National Museum and other Government buildings at Washington. It covers an area of 350 by 420 feet, is constructed of iron, brick and glass, and cost $400,000. Its leading architectural feature is a central octagonal dome 120 feet in diameter and 150 feet high, the floor of which will be kept free from exhibits. The building fronts to the west, and connects on the north, by a bridge over the lagoon, with the building of the Fisheries exhibit.

The south half of the Government Building is devoted to the exhibits of the

Post-Office Department, Treasury Department, War Department and Department of Agriculture.

The north half is devoted to the exhibits of the Fisheries Commission, Smithsonian Institute, and Interior Department. The State Department exhibit extends from the rotunda to the east end, and that of the Department of Justice from the rotunda to the west end of the building. The allotment of space for the several department exhibits is:

WAR DEPARTMENT, 23,000 SQUARE FEET;
TREASURY, 10,500 SQUARE FEET;
AGRICULTURE, 23,250 SQUARE FEET;
INTERIOR, 24,000 SQUARE FEET;
POST OFFICE, 9,000 SQUARE FEET,
FISHERY, 20,000 SQUARE FEET;
And SMITHSONIAN INSTITUTE, balance of space.



The Manufactures and Liberal Arts Building.

Notable for its symmetrical proportions, the Manufactures and Liberal Arts Building is the mammoth structure of the Exposition. It measures 1,687 by 787 feet and covers nearly 31 acres, being the largest Exposition building ever constructed. Within the building a gallery 50 feet wide extends around all four sides, and projecting from this are 86 smaller galleries, 12 feet wide, from which visitors may survey the vast array of exhibits and the busy scene below. The galleries are approached upon the main floor by 30 great staircases, the flights of which are 12 feet wide each. "Columbia Avenue," 50 feet wide, extends through the mammoth building longitudinally and an avenue of like width crosses it at right angles at the center. The main roof is of iron and glass and arches an area 385 by 1,400 feet and has its ridge 150 feet from the ground. The building, including its galleries, has about 40 acres of floor space.

The Manufactures and Liberal Arts Building is in the Corinthian style of architecture, and in point of being severely classic excels nearly all of the other edifices. The long array of columns and arches, which its facades present, is relieved from monotony by very elaborate ornamentation. In this ornamentation female figures, symbolical of the various arts and sciences, play a conspicious and very attractive part.

The exterior of the building is covered with "staff," which is treated to represent marble. The huge fluted columns and the immense arches are apparently of this beautiful material.

There are four great entrances, one in the center of each facade. These are designed in the manner of triumphal arches, the central archway of each being 40 feet wide and 80 feet high. Surmounting these portals is the great attic story ornamented with sculptured eagles 18 feet high, and on each side above the side arches are great panels with inscriptions and the spandrils are filled with sculptured figures in bas-relief. At each corner of the main building are pavilions forming great arched entrances, which are designed in harmony with the great portals.

The building occupies a most conspicuous place in the grounds. It faces the lake, with only lawns and promenades between. North of it is the United States Government Building, south the Harbor and in-jutting lagoon, and west the Electrical Building and the lagoon separating it from the great island, which in part is wooded and in part resplendent with acres of bright flowers of varied hues.

The Machinery Hall.

Machinery Hall, of which Peabody & Stearns, of Boston, are the Architects, has been pronounced by many Architects second only to the Administration Building in the magnificence of its appearance.

This Building measures 850x500 Feet,

And with the Machinery Annex and Power House, Cost about $1,200,000.

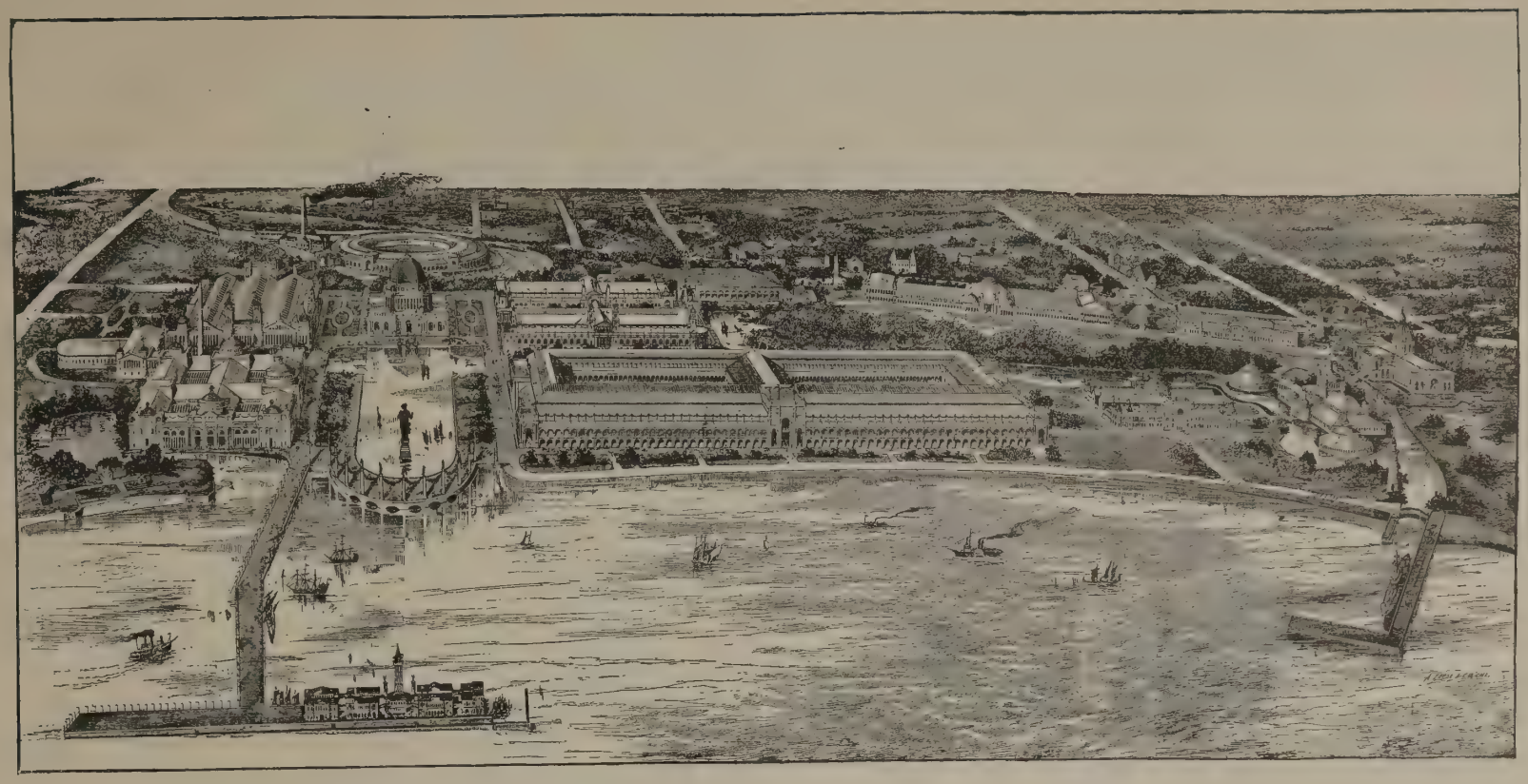
It is located at the extreme south end of the Park, midway between the shore of Lake Michigan and the west line of the Park. It is just south of the Administration Building, and west and across a lagoon from the Agricultural Building. The building is spanned by three arched trusses, and the interior presents the appearance of three railroad train-houses, side by side, surrounded on all the four sides by a

GALLERY FIFTY FEET WIDE.

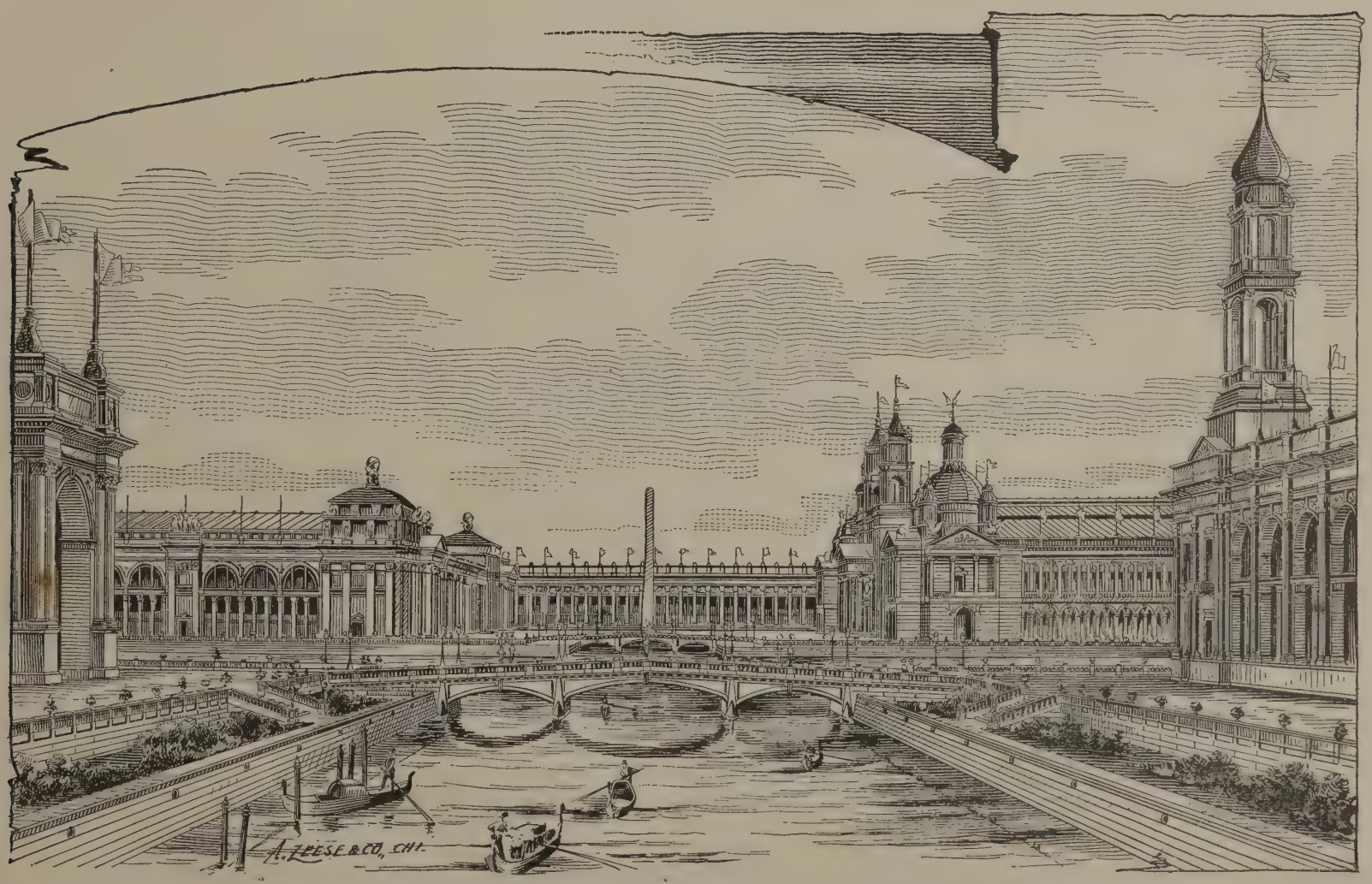
The trusses are built separately, so that they can be taken down and sold for use as railroad train-houses. In each of the long naves there is an elevated traveling crane running from end to end of the building for the purpose of moving machinery.

These Platforms are built so that Visitors may View from them the Exhibits beneath.

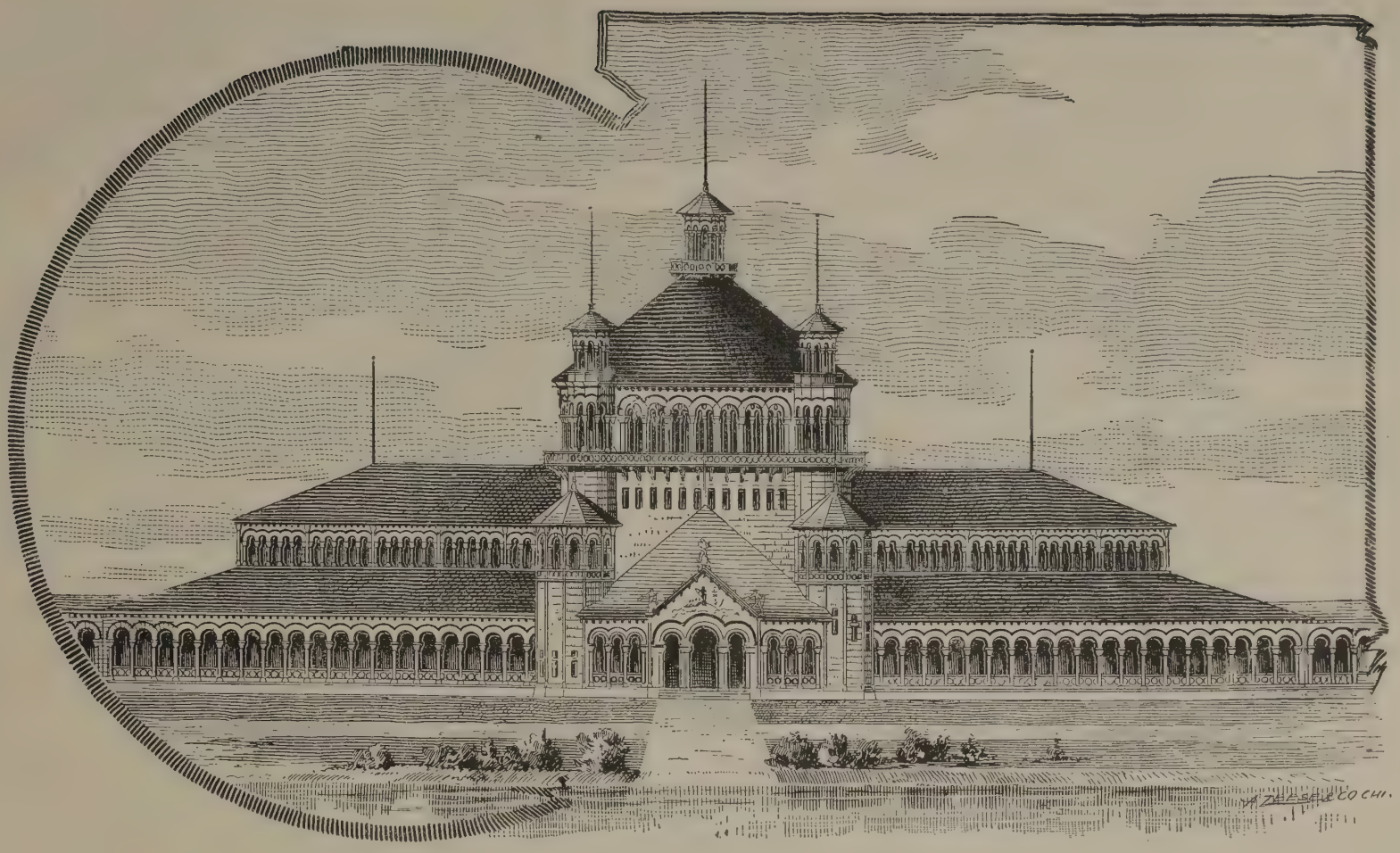
The Power from this Building is supplied from a Power-House adjoining the South Side of the Building.



World's Fair Exposition Grounds. Bird's Eye View looking West.



View looking South over Lagoon, showing portions of the Agricultural and Machinery Hall Buildings.



The Fisheries Building.

The Fisheries Building embraces a large central structure with two smaller polygonal buildings connected with it on either end by arcades. The extreme length of the building is 1,100 feet and the width 200 feet. It is located to the northward of the United States Government Building.

In the central portion is the general Fisheries exhibit. In one of the polygonal buildings is the Angling exhibit and in the other the Aquaria. The exterior of the building is Spanish-Romanesque, which contrasts agreeably in appearance with that of the other buildings.

To the close observer the exterior of the building can not fail to be exceedingly interesting, for the architect, Henry Ives Cobb, exerted all his ingenuity in arranging innumerable forms of capitals, modillions, brackets, cornices, and other ornamental details, using only fish and other sea forms for his motif of design. The roof of the building is of old Spanish tile, and the side walls of pleasing color. The cost is about $200,000.

In the center of the polygonal building is a rotunda 60 feet in diameter, in the middle of which is a basin or pool 26 feet wide, from which rises a towering mass of rocks, covered with moss and lichens. From clefts and crevices in the rock, crystal streams of water gush and drop to the masses of reeds, rushes, and ornamental semi-aquatic plants in the basin below. In this pool gorgeous gold fishes, golden ides, golden tench, and other fishes disport. From the rotunda one-side of the larger series of Aquaria may be viewed. These are ten in number, and have a capacity of 7,000 to 27,000 gallons of water each.

Passing out of the rotunda, a great corridor or arcade is reached, where on one hand can be viewed the opposite side of the series of great tanks, and on the other a line of tanks somewhat smaller, ranging from 750 to 1,500 gallons each in capacity. The corridor or arcade is about 15 feet wide. The glass fronts of the Aquaria are in length about 575 feet, and have 3,000 square feet of surface.

The total water capacity of the Aquaria, exclusive of reservoirs, is 18,725 cubic feet, or 140,000 gallons. This weighs 1,192,425 pounds, or almost 600 tons. Of this amount about 40,000 gallons is devoted to the Marine exhibit. In the entire salt-water circulation, including reservoirs, there are about 80,000 gallons. The pumping and distributing plant for the Marine Aquaria is constructed of vulcanite. The pumps are in duplicate, and each has a capacity of 3,000 gallons per hour. The supply of sea water was secured by evaporating the necessary quantity at the Woods Hall station of the United States Fish Commission to about one-fifth its bulk, thus reducing both quantity and weight for transportation about 80 per cent. The fresh water required to restore it to its proper density was supplied from Lake Michigan.

The Transportation Building.

Forming the northern Architectural Court of the Exposition is a group of edifices of which the Transportation Building is one. It is situated at the southern end of the west flank and lies between the Horticultural and the Mines Buildings. Facing eastward, it commands a view of the floral island and an extensive branch of the lagoon.

The Transportation Building is exquisitely refined and simple in architectural treatment, although very rich and elaborate in detail. In style it savors much of the Romanesque, although to the initiated the manner in which it is designed on axial lines, and the solicitude shown for fine proportions, and subtle relation of parts to each other, will at once suggest the methods of composition followed at the Ecole des Beaux Arts.

Viewed from the lagoon, the cupola of the Transportation Building forms the effective southwest accent of the quadrangle, while from the cupola itself, reached by eight elevators, the Northern Court, the most beautiful effect of the entire Exposition, may be seen in all its glory.

The main entrance to the Transportation Building consists of an immense single-arch enriched to an extraordinary degree with carvings, bas-reliefs and mural paintings, the entire feature forming a rich and beautiful, yet quiet, color climax, for it is treated in leaf and is called the Golden Door.

The remainder of the architectural composition falls into a just relation of contrast with the highly wrought entrance, and is duly quiet and modest, though very broad in treatment. It consists of a continuous arcade with subordinate colonade and entablature. Numerous minor entrances are from time to time pierced in the walls, and with them are grouped terraces, seats, drinking fountains and statues.

The interior of the building is treated much after the manner of a Roman basilica, with broad nave and aisles. The roof is therefore in three divisions; the middle one rises much higher than the others, and its walls are pierced to form a beautiful arcaded clearstory. The cupola, placed exactly in the center of the building and rising 165 feet above the ground, is reached by eight elevators. These elevators of themselves naturally form a part of the Transportation exhibit, and as they also carry passengers to galleries at various stages of height, a fine view of the interior of the building may easily be obtained. The main galleries of this building, because of the abundant elevator facilities, prove quite accessible to visitors.

The main building of the Transportation exhibit measures 960 feet front by 250 feet deep. From this extends westward to Stony Island avenue an enormous annex, covering about nine acres. This is one story only in height. In it may be seen the more bulky exhibits. Along the central avenue or nave the visitor may see facing each other scores of locomotive engines, highly polished, and rendering the perspective effect of the nave both exceedingly novel and striking. Add to the effect of the exhibits the architectural impression given by a long vista of richly ornamented colonade, and it may easily be seen that the interior of the Transportation Building is one of the most impressive of the Exposition.

The Transportation exhibits naturally include everything, of whatsoever name or sort, devoted to the purpose of transportation, and range from a baby carriage to a mogul engine, from a cash conveyor to a balloon or carrier pigeon. Technically this exhibit includes everything comprised in Class G of the Official Classification. The Transportation Building cost about $300,000. Adler & Sullivan, of Chicago, are the architects.

The Administration Building.

By popular verdict the Administration Building is pronounced the gem and crown of the Exposition palaces. It is located at the west end of the great court in the southern part of the site, looking eastward, and at its rear are the transportation facilities and depots. The most conspicuous object which will attract the gaze of visitors on reaching the grounds is the gilded dome of this lofty building. This imposing edifice will cost $450,000. The architect is Richard M. Hunt, of New York, President of the American Institute of Architects, to whose established reputation it is a notable contribution. It covers an area of 260 feet square and consists of four pavilions 84 feet square, one at each of the four angles of the square, and connected by a great central dome 120 feet in diameter and 220 feet in height, leaving at the center of each facade a recess 82 feet wide, within which are the grand entrances to the building. The general design is in the style of the French renaissance. The first great story is in the Doric order, of heroic proportions, surrounded by a lofty balustrade, and having the great tiers of the angle of each pavilion crowned with sculpture. The second story, with its lofty and spacious colonnade, is of the Ionic order.

The four great entrances, one on each side of the building, are 50 feet wide and 50 feet high, deeply recessed and covered by semi-circular arched vaults, richly coffered. In the rear of these arches are the entrance doors, and above them great screens of glass, giving light to the central rotunda. Across the face of these screens, at the level of the office floor, are galleries of communication between the different pavilions.

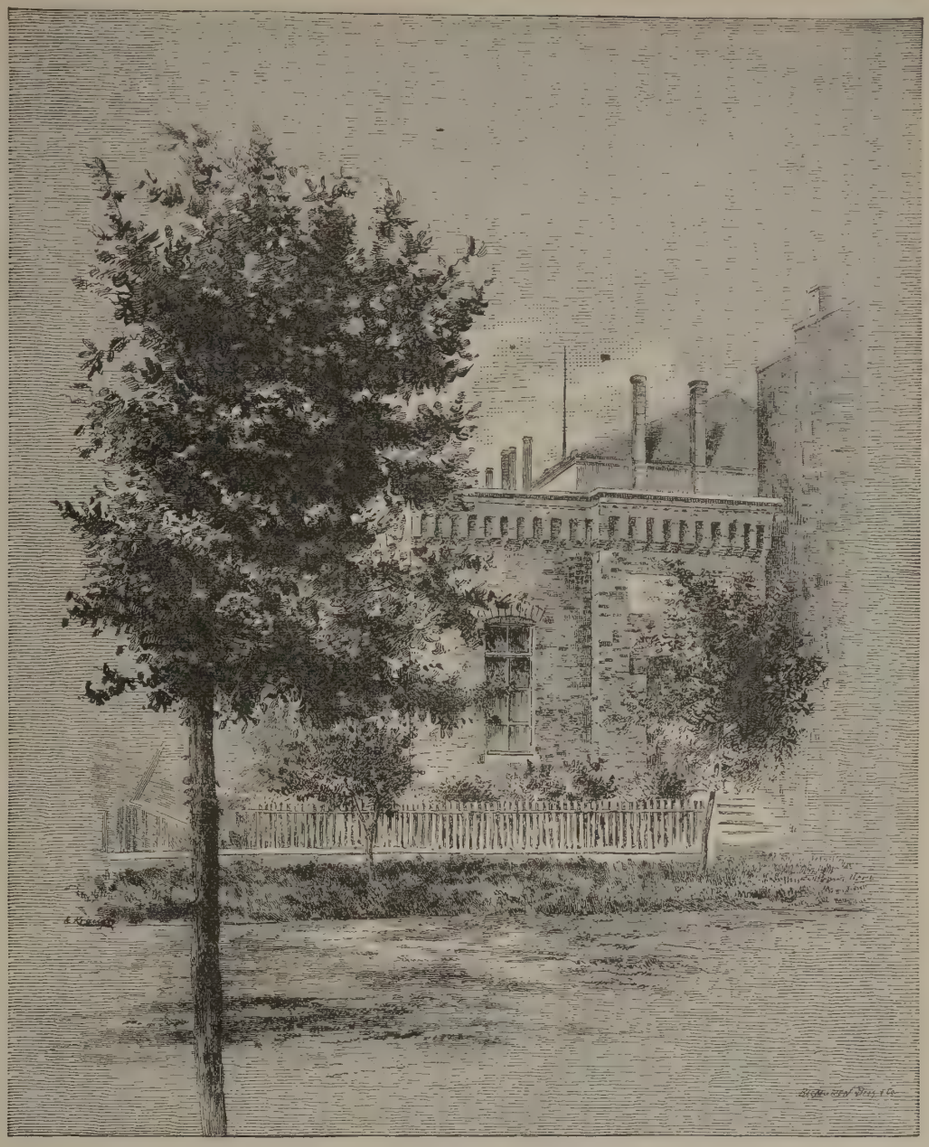
The interior features of this great building even exceed in beauty and splendor those of the exterior. Between every two of the grand entrances, and connecting the intervening pavilion with the great rotunda, is a hall or loggia 30 feet square, giving access to the offices and provided with broad, circular stairways and swift running elevators.

Above the balcony is the second story, 50 feet in height. From the top of the cornice of this story rises the interior dome, 200 feet from the floor, and in the center is an opening 50 feet in diameter, transmitting a flow of light from the exterior dome overhead. The under side of the dome is enriched with deep panelings, richly moulded, and the panels are filled with sculpture in low relief, and immense paintings representing the arts and sciences. In size this rotunda rivals, if it does not surpass, the most celebrated domes of a similar character in the world.

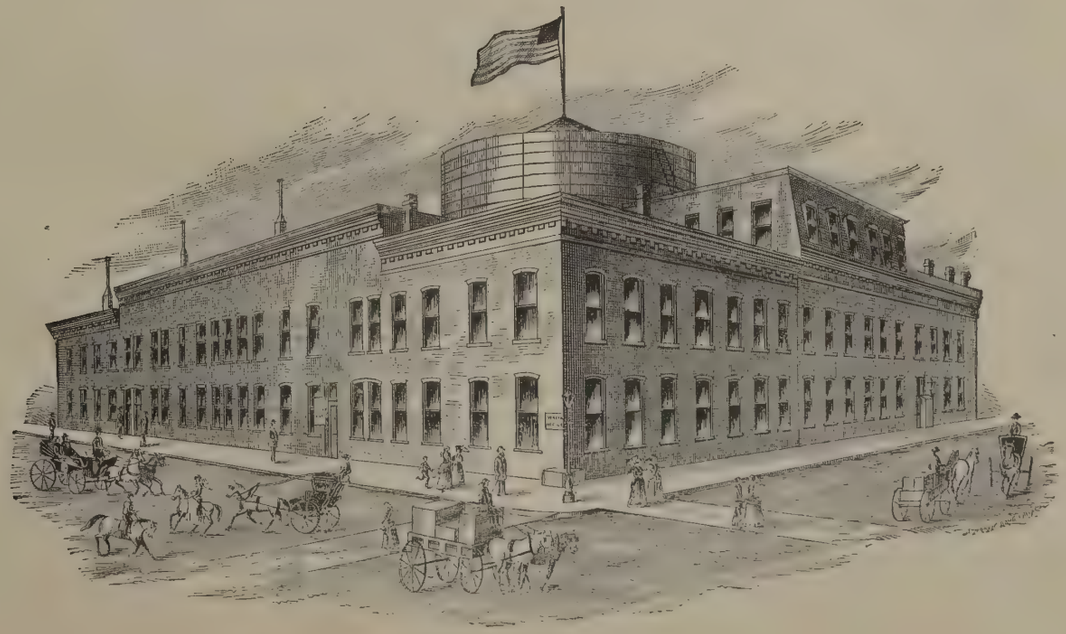
THE OLD KINZIE MANSION IN 1832.

CHICAGO IN 1845, FROM THE WEST.

EXPOSITION BUILDING.



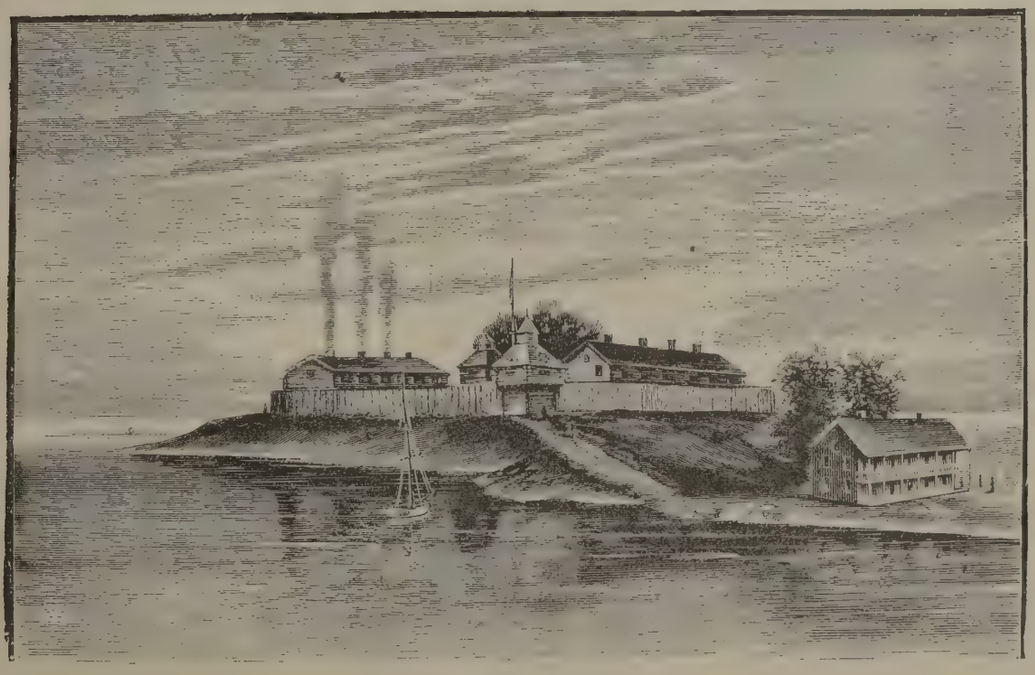
HISTORICAL SOCIETY BUILDING.



CITY HALL BUILDING.

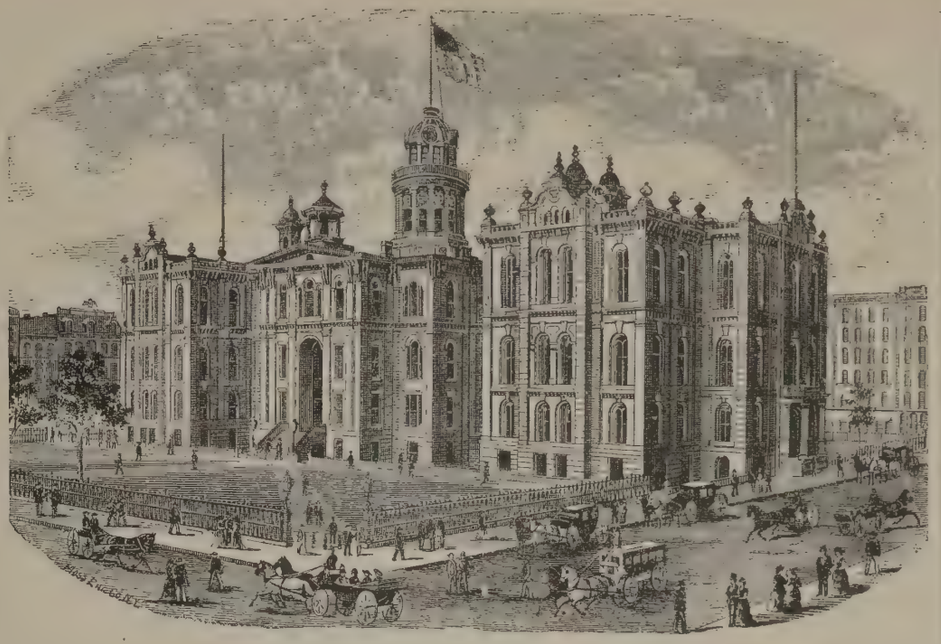
WOLF'S AND MILLER'S TAVERNS.

WOLF'S POINT IN 1870.



OLD FORT DEARBORN IN 1803.

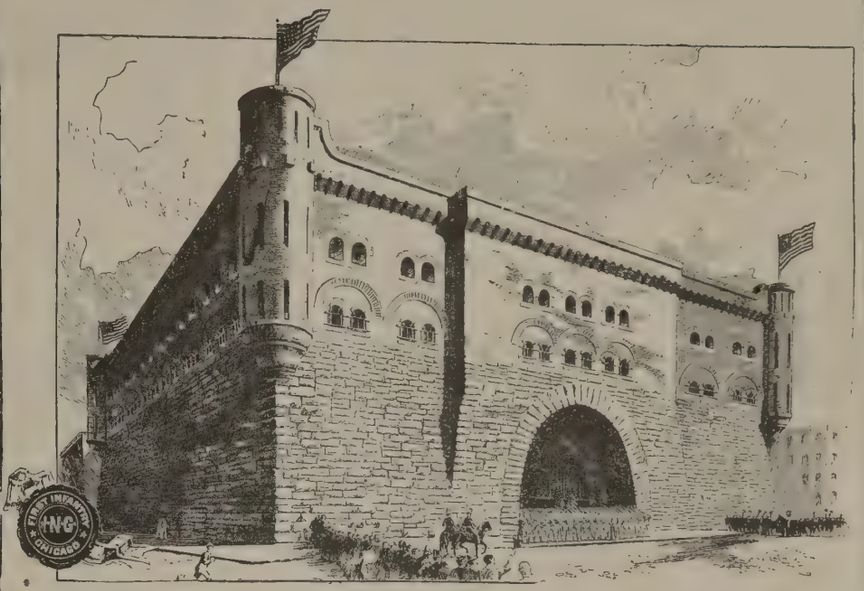
CHICAGO COURT HOUSE IN 1852.



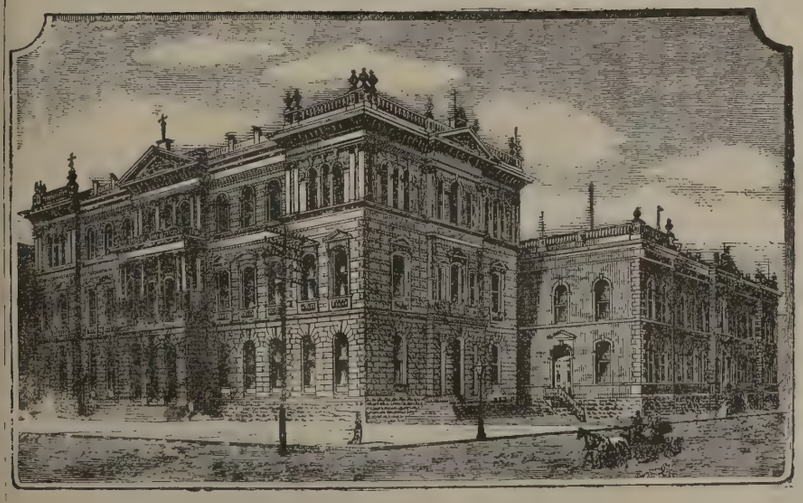
CHICAGO COURT HOUSE BEFORE THE GREAT FIRE.

THE PRESENT COURT HOUSE.

CHICAGO HOMEOPATHIC COLLEGE.

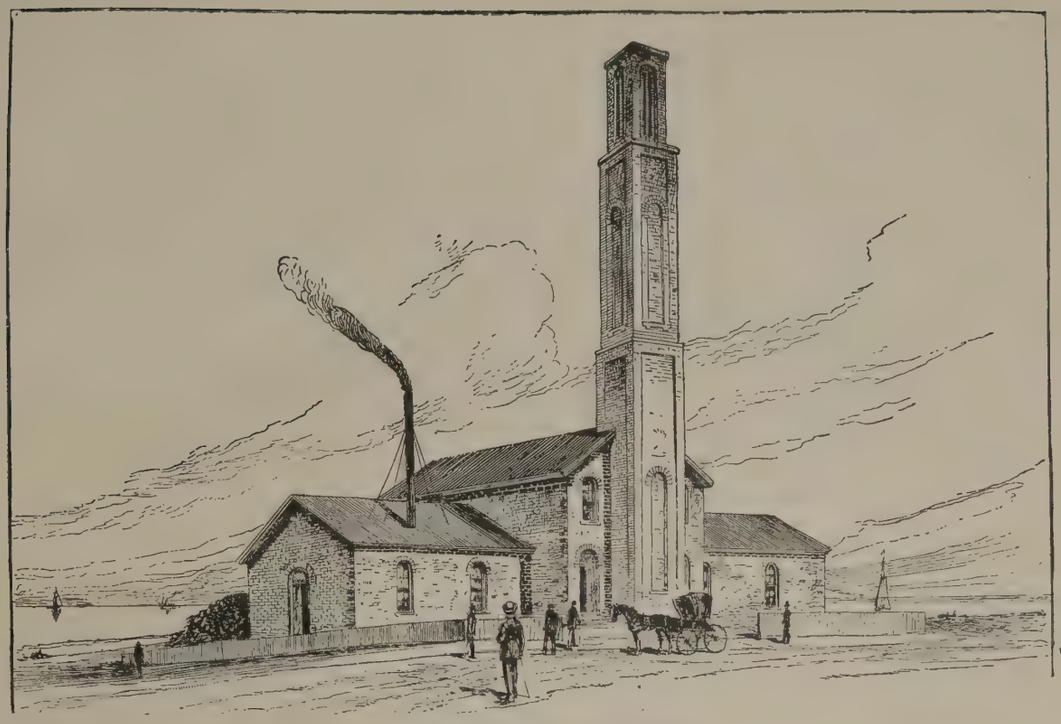


FIRST REGIMENT ARMORY.

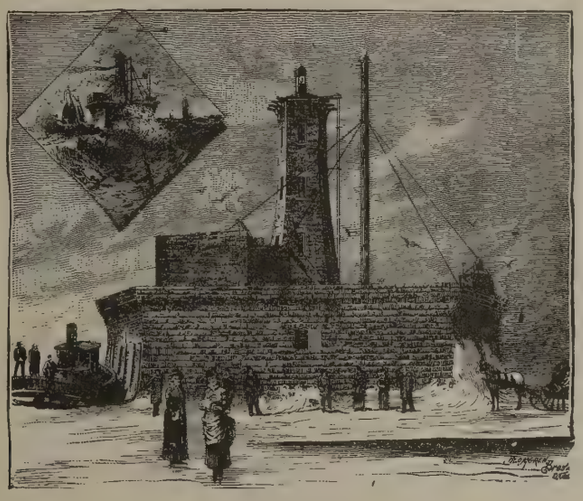


CRIMINAL COURT BUILDING.

UNION LEAGUE CLUB HOUSE.

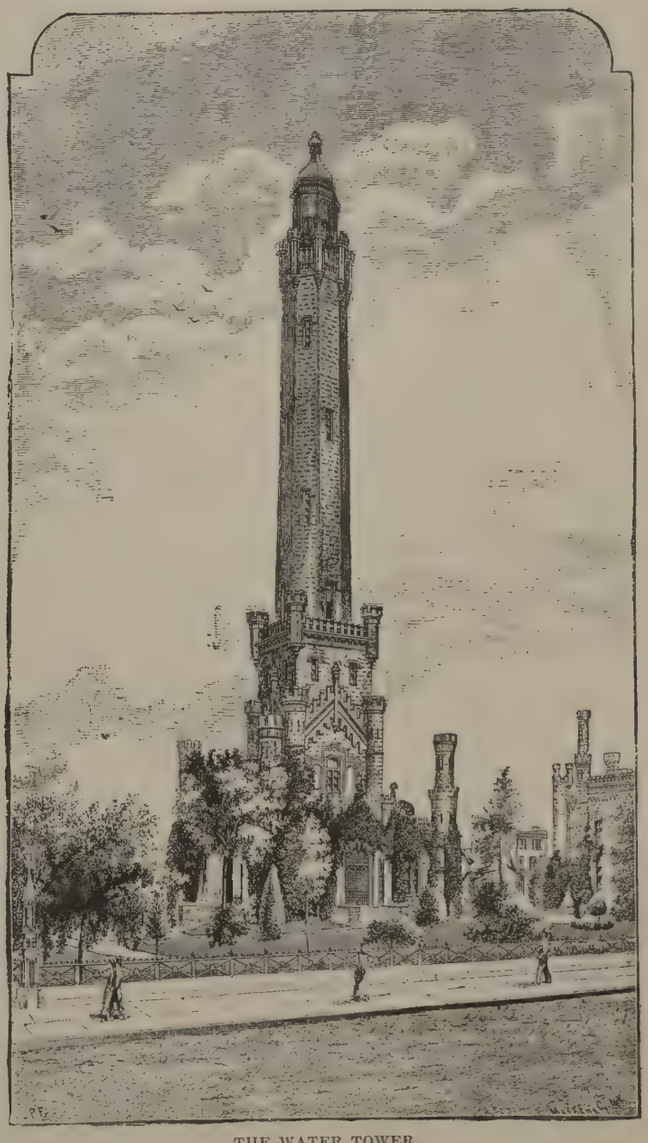


CHICAGO WATER WORKS IN 1854.



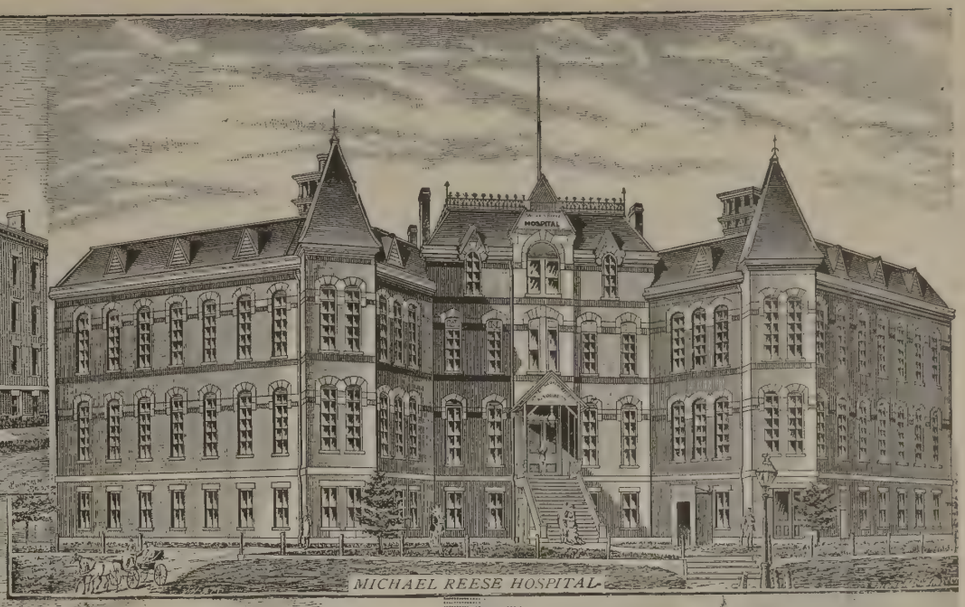
THE CRIB.

PRESENT WATER WORKS BUILDING.



THE WATER TOWER.

OLD PEOPLES HOME.



MICHAEL REESE HOSPITAL.

MARINE HOSPITAL.

WOMAN'S MEDICAL COLLEGE.

HAHNEMANN MEDICAL COLLEGE.

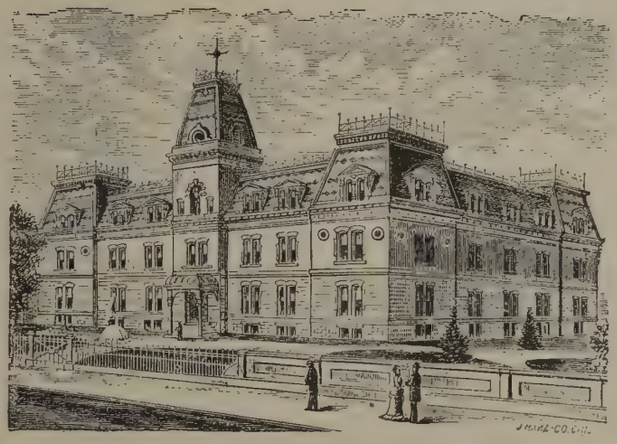
COOK COUNTY INFIRMARY.

COOK COUNTY INSANE ASYLUM.

CHICAGO MEDICAL COLLEGE.

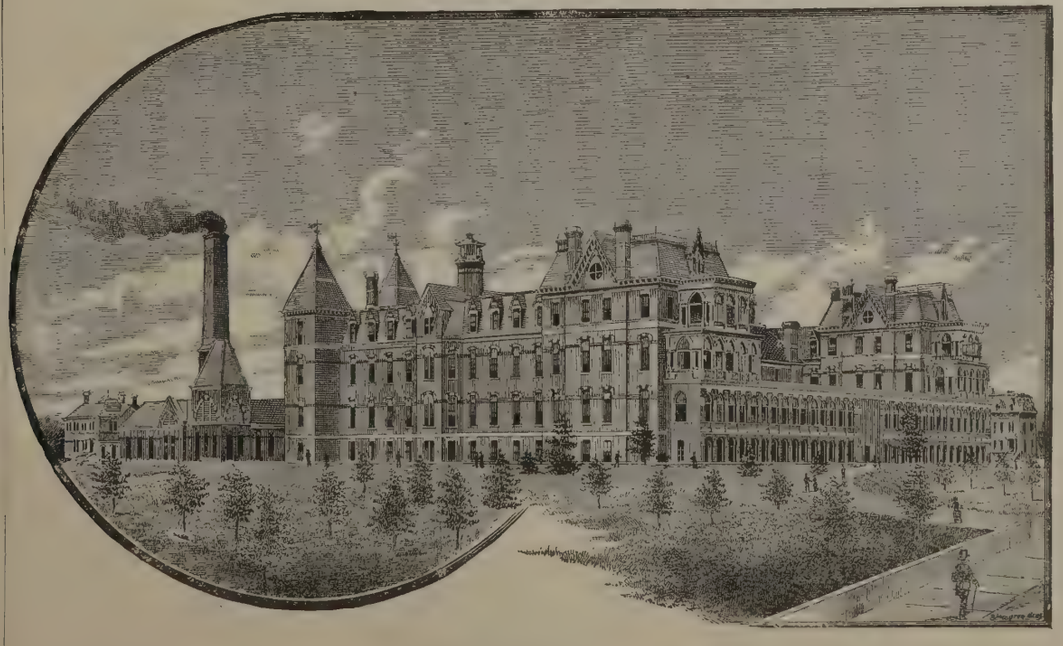
RUSH MEDICAL COLLEGE.

HOSPITAL FOR WOMEN AND CHILDREN.



ALEXIAN BROTHERS HOSPITAL.

COLLEGE OF PHYSICIANS AND SURGEONS.



COUNTY HOSPITAL.

FOUNDLINGS HOME.

RUINS BOOKSELLERS' ROW.
RUINS COR. CLARK & WASHINGTON STS.
RUINS OF FIFTH NATIONAL BANK.
RUINS LAKESIDE BUILDING.
RUINS M. E. CHURCH BLOCK.
RUINS OF MARINE BANK.
RUINS DRAKE BLOCK.
RUINS TRIBUNE BUILDING.
RUINS HISTORICAL SOCIETY.
SAFES PILED ON DEARBORN ST.
INTERIOR RUINS OF POST OFFICE.
FRANKLIN SCHOOL RUINS.

PRAIRIE AVE., 22nd ST.

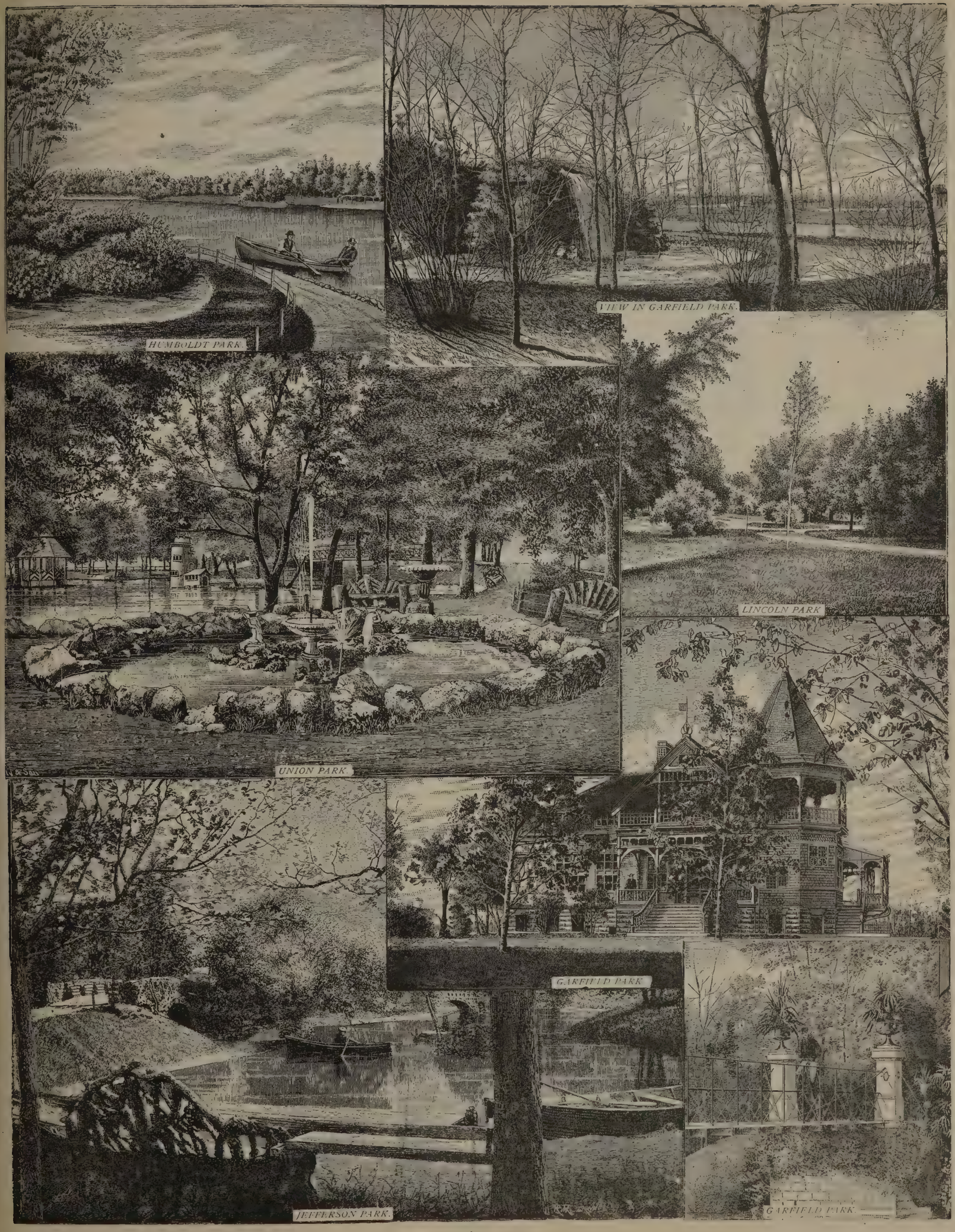
MICHIGAN AVE. NORTH from 31st St.

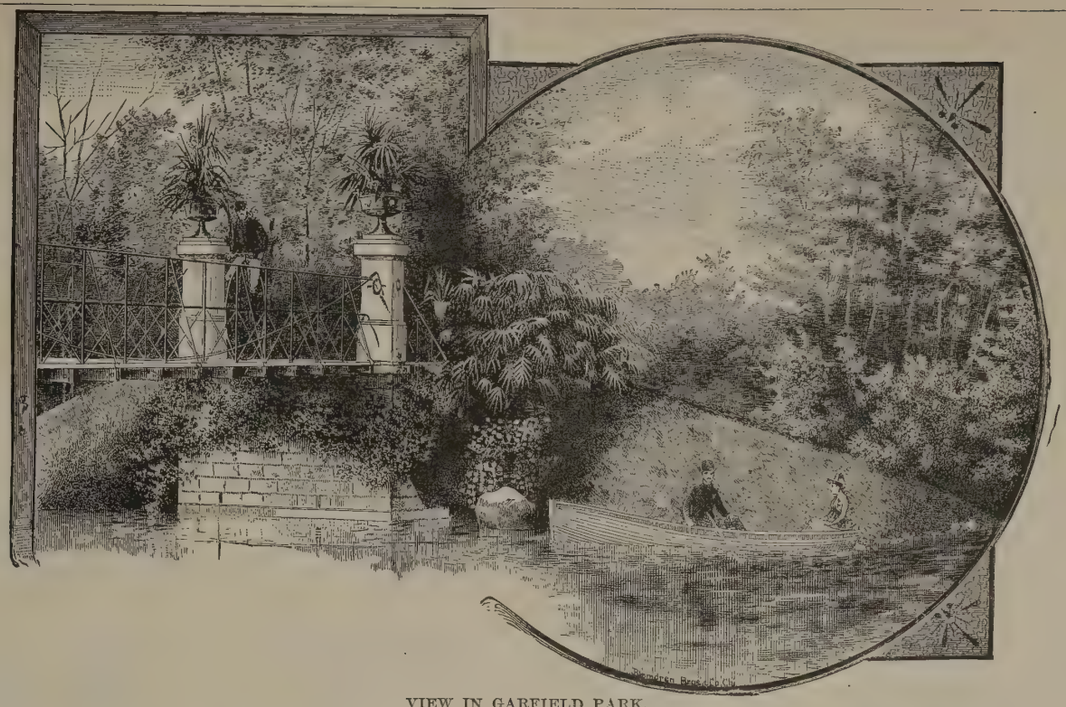
PETER SHUTTLER'S RESIDENCE.
Adams and Aberdeen Sts.

CALUMET CLUB HOUSE.

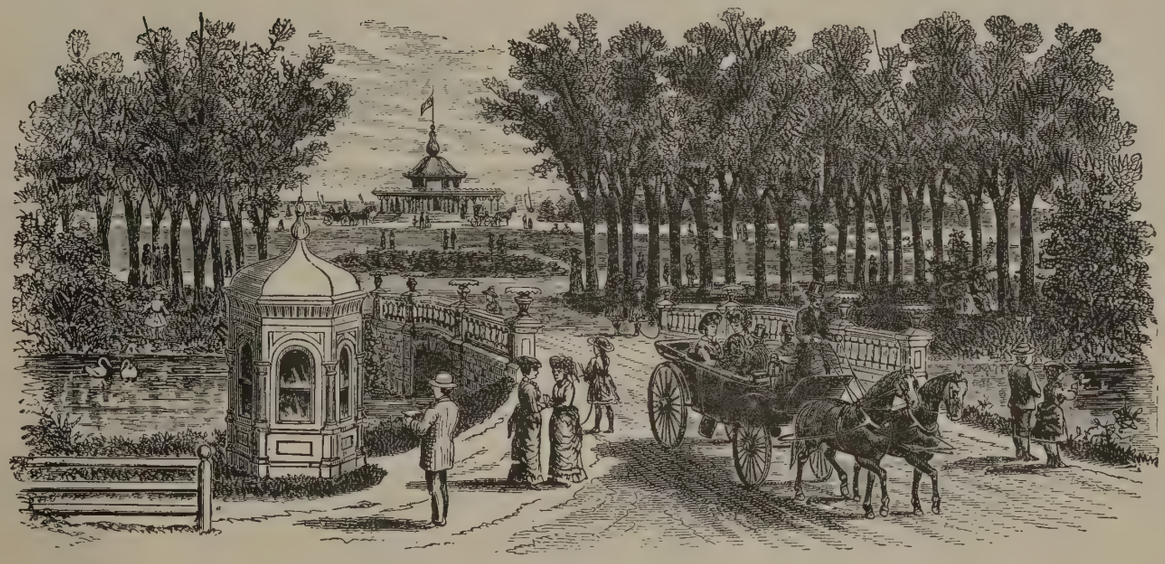
VIEW OF ONTARIO AND RUSH STS.

PRAIRIE AVE. AND 20th ST.

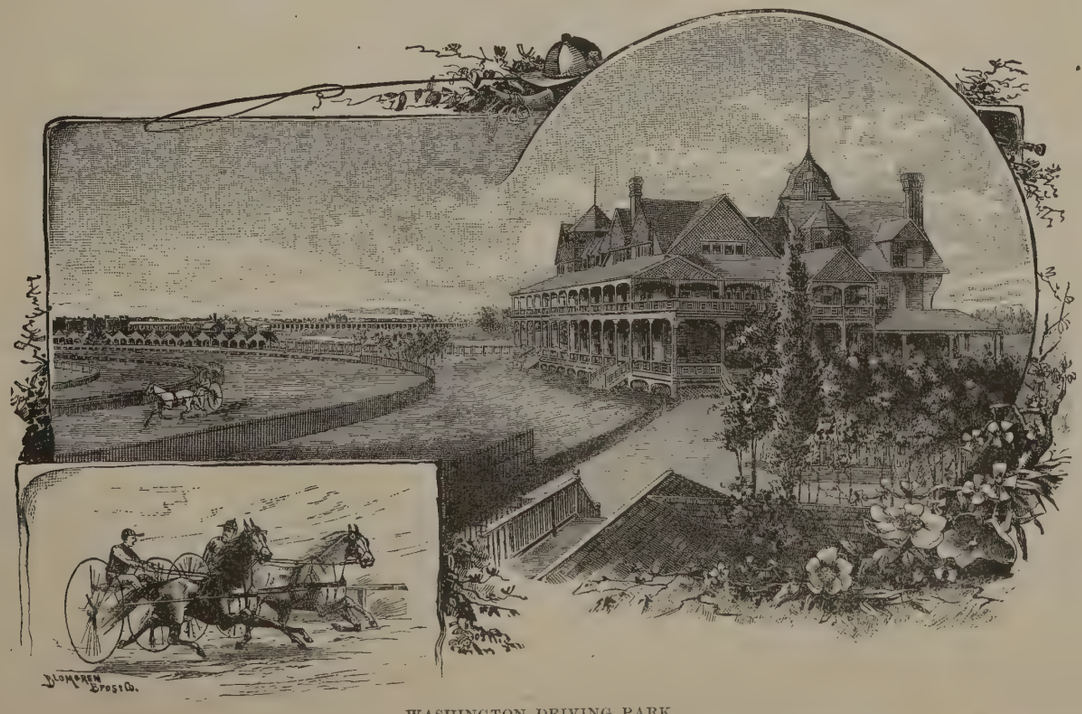

HUMBOLDT PARK
VIEW IN GARFIELD PARK.
LINCOLN PARK
UNION PARK
GARFIELD PARK
JEFFERSON PARK.
GARFIELD PARK

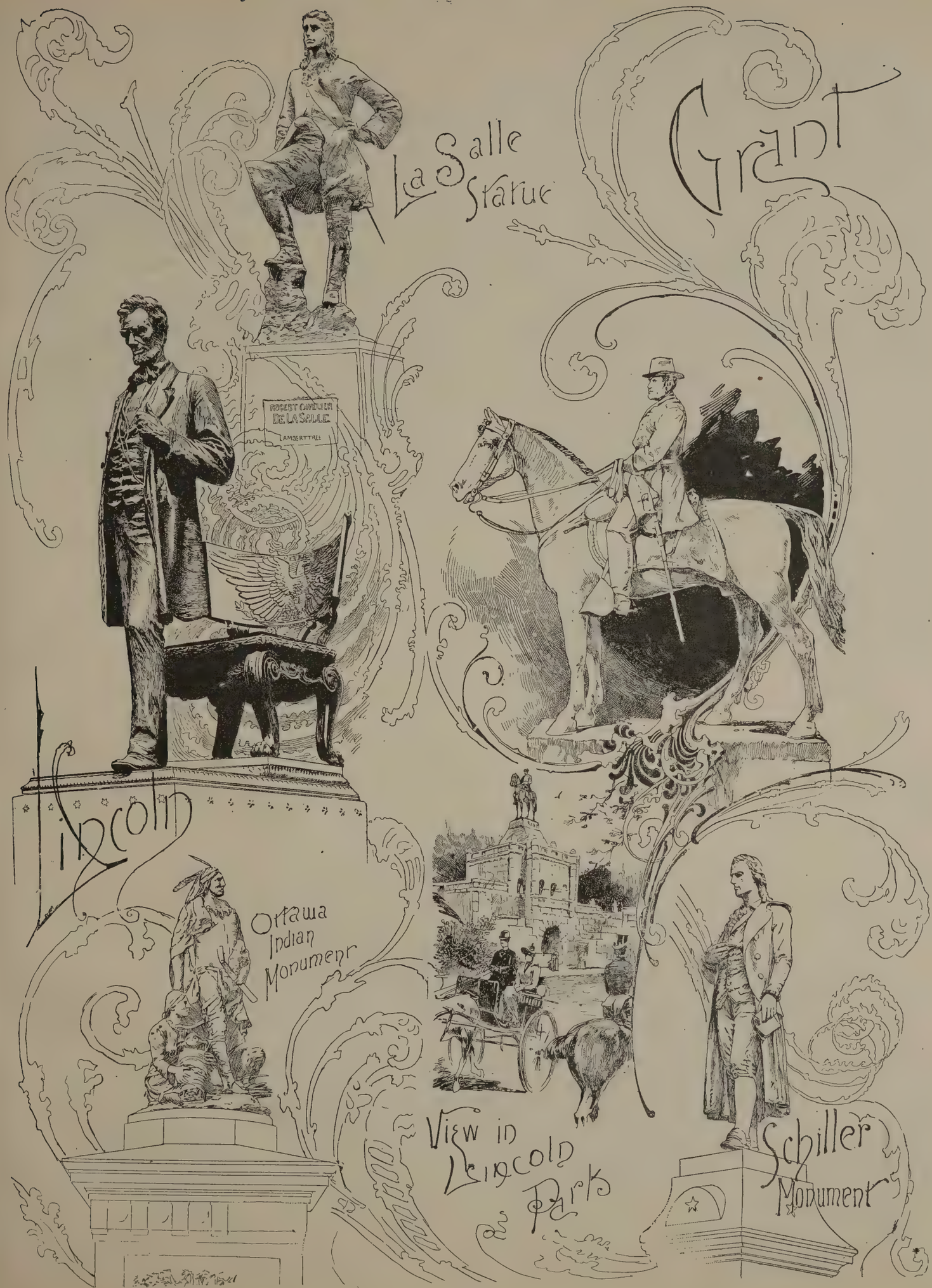


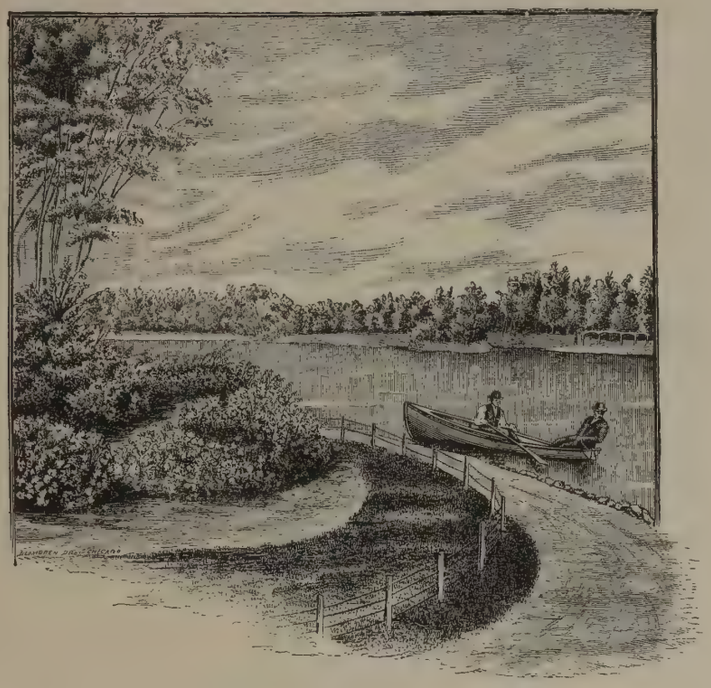
VIEW IN GARFIELD PARK.



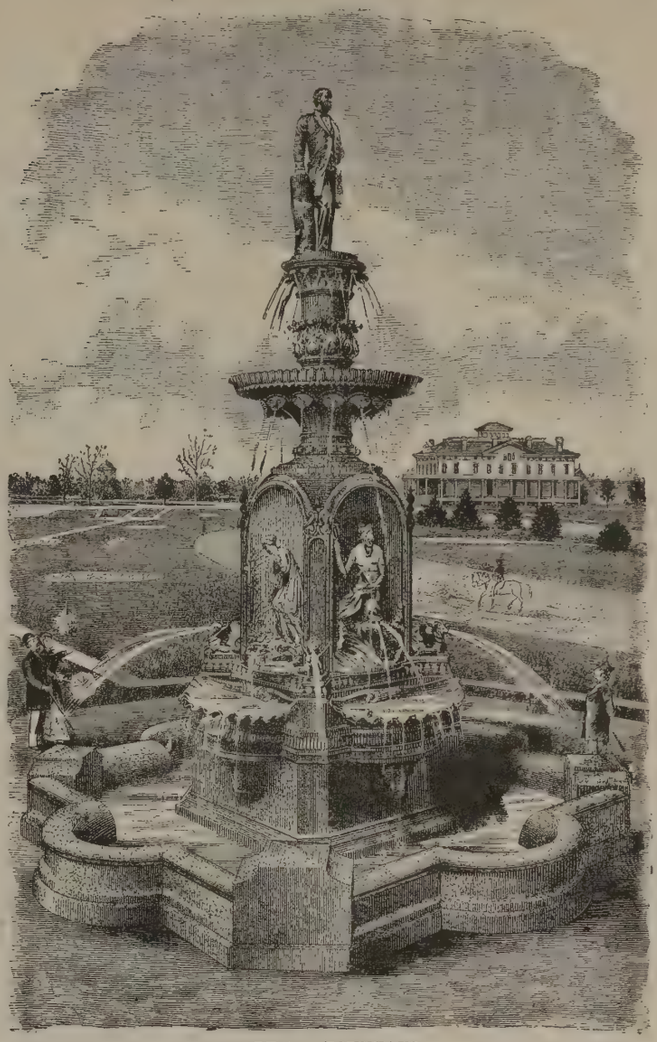
ENTRANCE TO JACKSON PARK.



WASHINGTON DRIVING PARK.

La Salle Statue
Grant
Lincoln
Ottawa Indian Monument
View in Lincoln Park
Schiller Monument

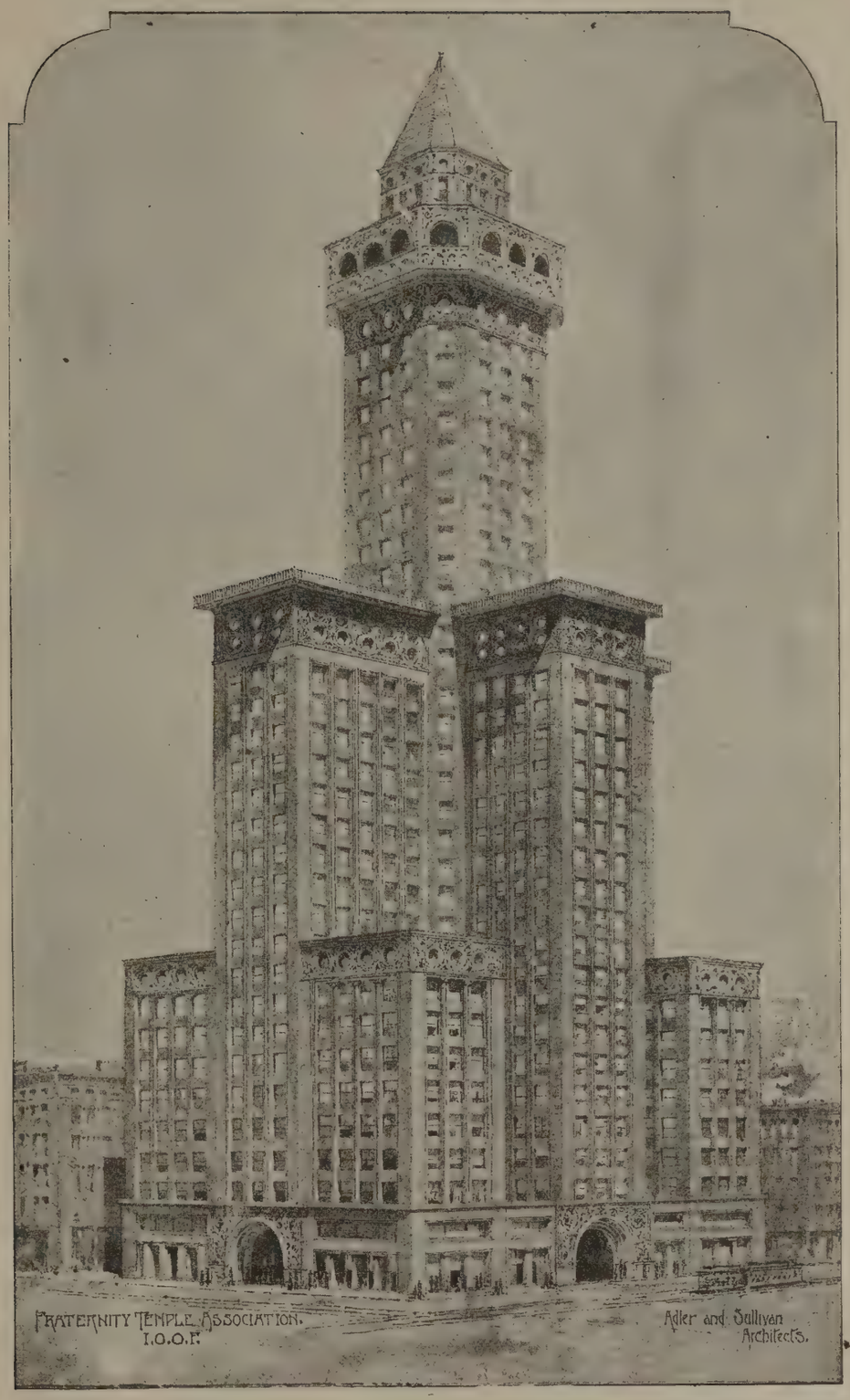


VIEW IN HUMBOLDT PARK.



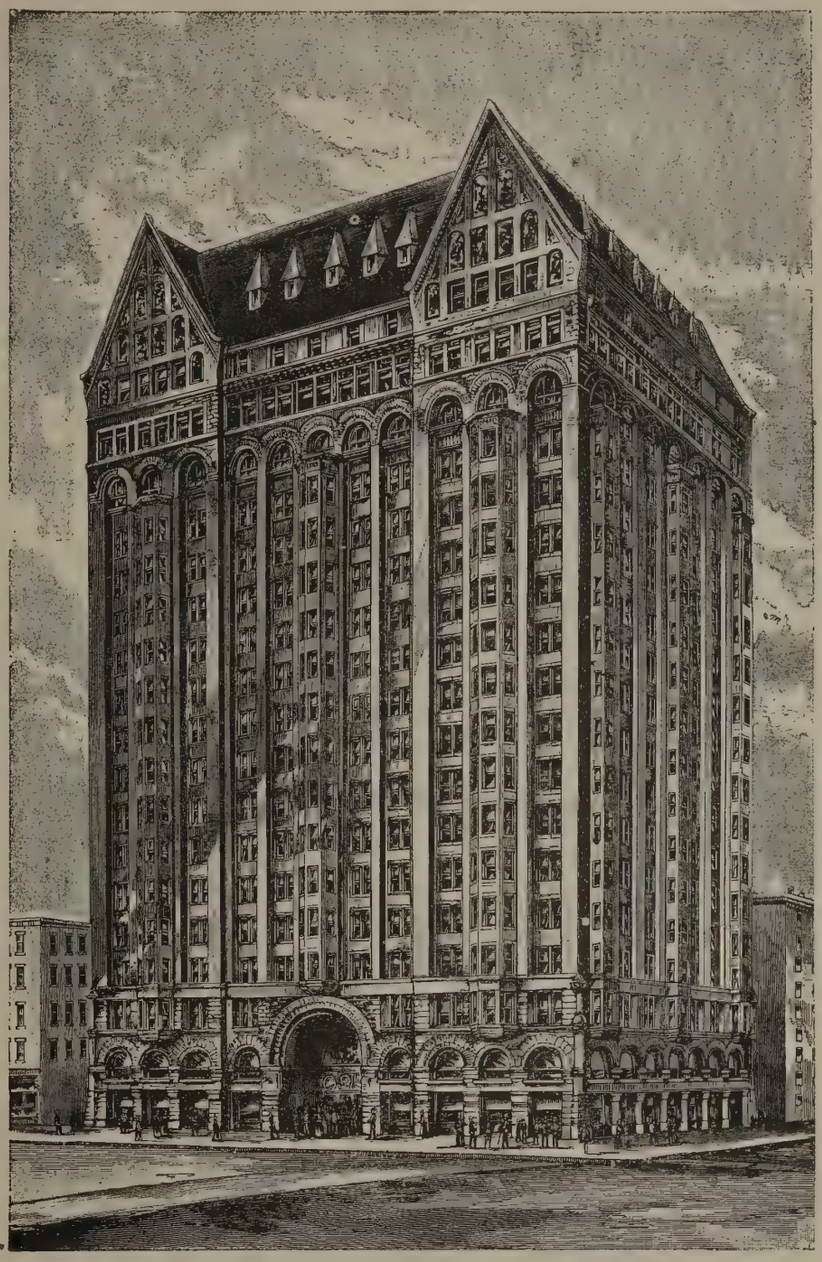
DREXEL FOUNTAIN.

FIRST BUILDING ERECTED AFTER THE FIRE.



The Proposed Odd Fellows Temple.

The fraternity of Odd Fellows is considering the project of erecting the Temple shown in the above design, on a very desirable site already under option in the center of the business portion of Chicago. The Temple has a frontage of 177 feet on one street by 210 feet on another, and if built as above, will be 36 stories high, the center tower being 70 feet square and rising to the height of 450 feet above the street level.



The Masonic Temple.

The idea of erecting this imposing edifice, designed for the accommodation of the Masonic fraternity of the City of Chicago, and for the entertainment of visiting Masons, was conceived by Norman T. Gassette, Past Grand Commander for the State of Illinois; and the enterprise was organized by his consummate ability and was well advanced towards completion before his deeply lamented decease.

The Temple, designed by Messrs Burnham & Root, Architects has a frontage of $169\frac{10}{12}$ feet on State Street, and $113\frac{8}{100}$ feet on Randolph Street, and stands upon land now considered worth $2,500,000. The entire frame-work is of steel, the exterior of the first three stories being of undressed stone, the remainder of gray brick. The twenty-first, or roof story is inclosed in glass, and has 6,000 square feet of floor, enough to accommodate 1,000 people. The structure is as nearly fire proof throughout as it is possible to make it; it is furnished with 14 elevators; it stands 305 feet above the street level, and cost $2,000,000.

The corner stone was laid Nov. 6, 1890; the cap stone was set Nov. 6, 1891, and the Temple will be ready for occupancy May 1, 1892, and is said to be the largest office building in the world.

The Woman's Temperance Temple.

South-West Cor. of LaSalle and Monroe Streets, - - CHICAGO.

The idea of erecting a large, commodious and at the same time, beautiful building to be the headquarters of the vast work being carried on by the Woman's Christian Temperance Union, was conceived by Mrs. Matilda B. Carse, President of the W. C. T. U., for the State of Illinois, and the project has been carried to completion by her skill in organizing the movement which has secured so grand a result. The Woman's Temperance Building Association was incorporated in July, 1887, and the work of raising funds in sums of from $1 to $1,000, soon began. The lot upon which the Temple stands has a frontage of 190 feet on La Salle Street by 96 on Monroe Street, and is worth, at a low estimate, $1,000,000. It was leased from the owner, Mr. Marshall Field, at a rental of $40,000 per annum, for the period of 198 years. The plans were furnished by Burnham & Root, Architects; work on the foundation began July 1, 1890; the corner stone was laid Nov. 1, of that year, and the work is to be completed by May 1, 1892. The Temple is thirteen stories high, and is to be an office building excepting the rooms set apart as headquarters of the National, State and City W. C. T. U. The cost when completed will be a little more than $1,100,000, and it is estimated that the revenue from rentals will be at least $250,000 per annum. The fine hall on the first floor, capable of seating about seven hundred persons, with a separate entrance on Monroe street, is called "Willard Hall," in honor of Miss Francis Willard; its walls are of marble, upon which will be inscribed the names of all who have given $100 or more to the building fund. Memorial tablets, pedestals and windows will perpetuate the memory of illustrious persons who have lived and died for the cause of temperance, and the incense of prayer will ascend from this beautiful hall every day in the year for the suppression of the liquor traffic and the salvation of the home of the drunkard

NORTHERN REGIONS
SOUTHERN REGIONS
NORTH POLE
Highest point reached by man. Greely Expedition 1881.
ATLANTIC OCEAN
PACIFIC OCEAN
INDIAN OCEAN
NORTH AMERICA
SOUTH AMERICA
EUROPE
ASIA
AFRICA
GREENLAND
ICELAND
GREAT BRITAIN
FRANCE
SPAIN
GERMANY
AUSTRIA
RUSSIA
ITALY
TURKEY
PERSIA
ARABIA
INDIA
CHINA
JAPAN
SIAM
MEXICO
CUBA
BRAZIL
PERU
CHILE
ARGENTINA
AUSTRALIA
SUMATRA
MADAGASCAR
Tropic of Cancer
Tropic of Capricorn
Equator
GREATEST MASS OF LAND
GREATEST MASS OF WATER

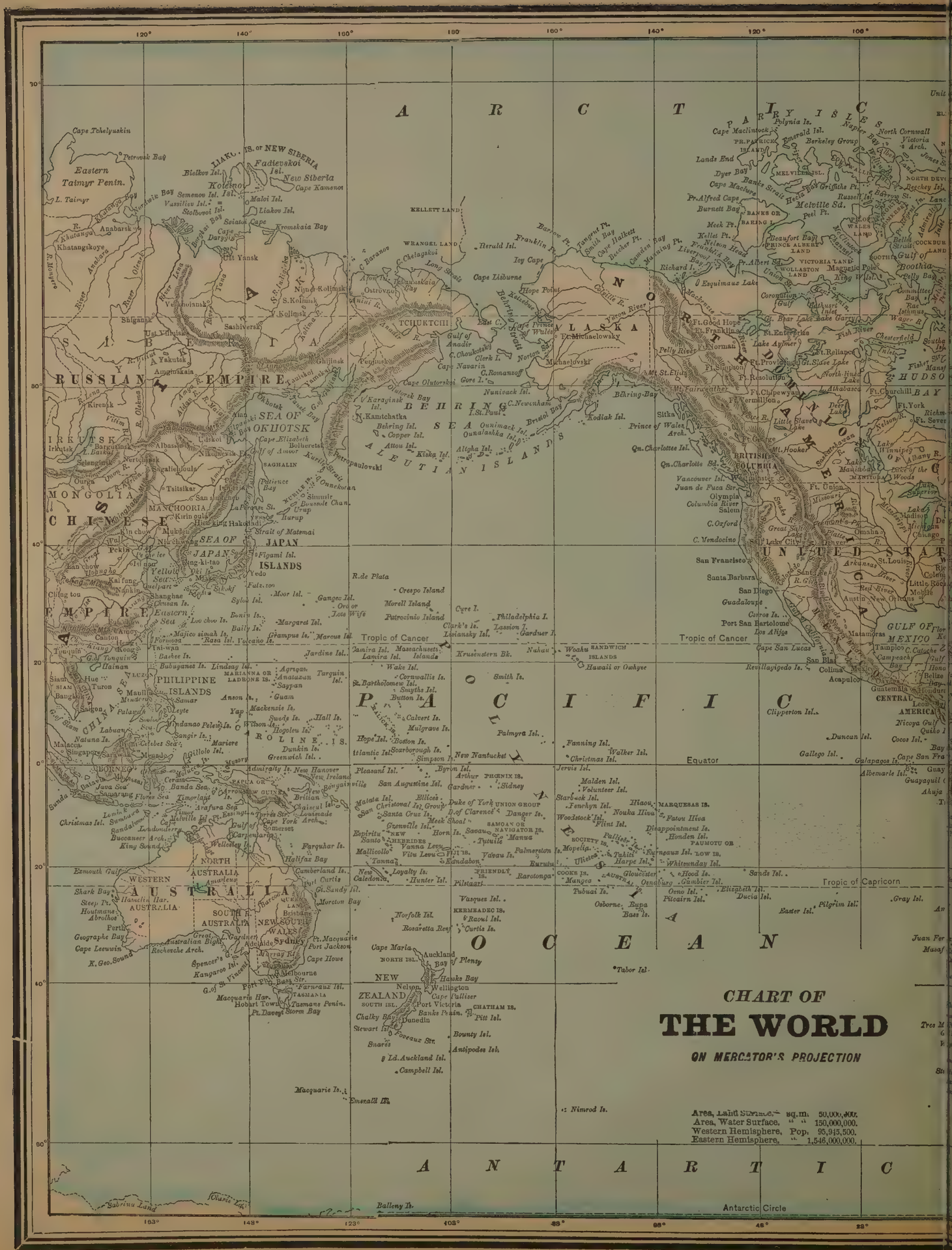
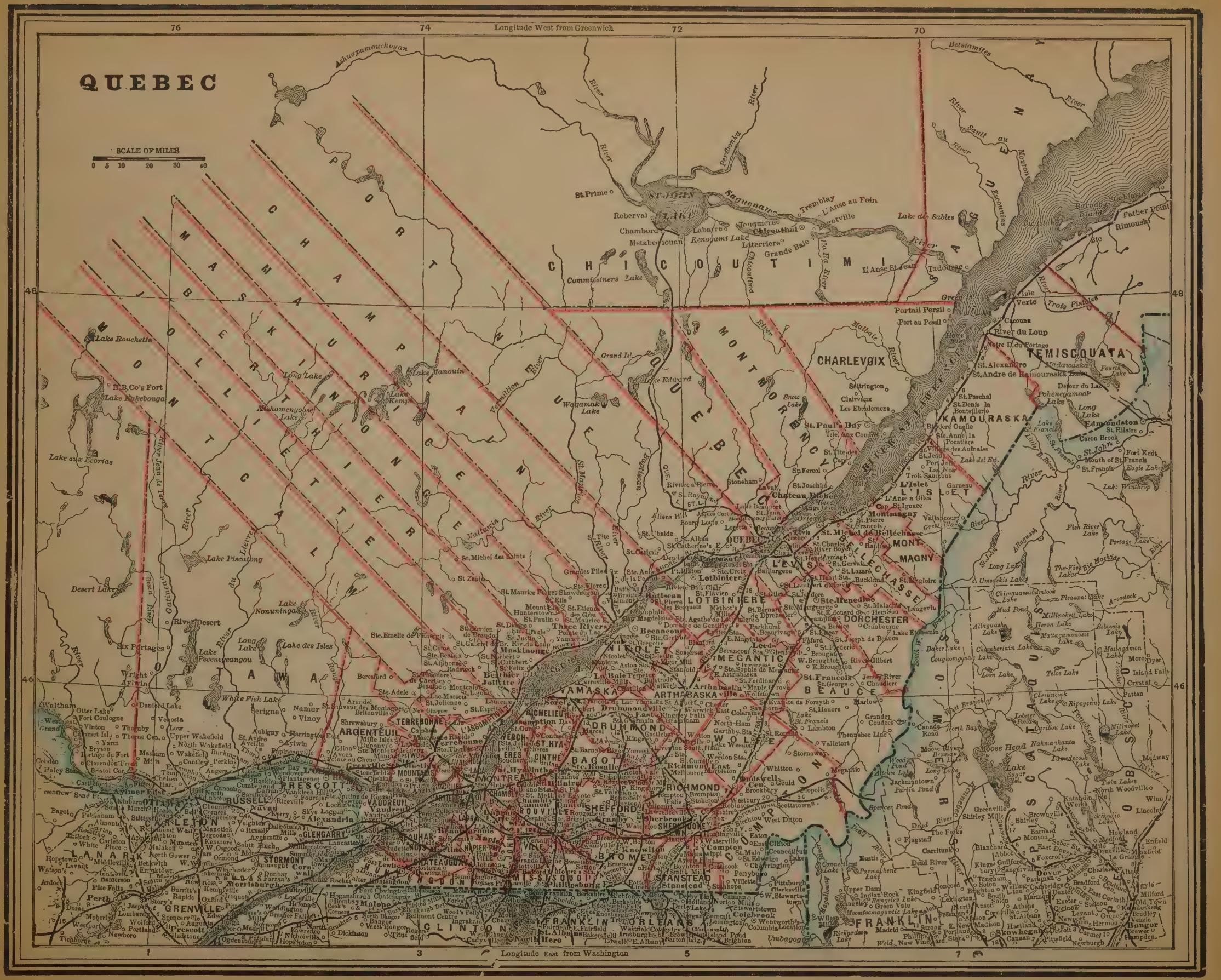


CHART OF
THE WORLD
ON MERCATOR'S PROJECTION
Area, Land Surface, sq.m. 50,000,000.
Area, Water Surface, " " 150,000,000.
Western Hemisphere, Pop. 95,945,500.
Eastern Hemisphere, " 1,546,000,000.
ARCTIC OCEAN
PACIFIC OCEAN
ATLANTIC OCEAN
ANTARCTIC
RUSSIAN EMPIRE
CHINESE EMPIRE
UNITED STATES
MEXICO
BRITISH POSSESSIONS
JAPAN
PHILIPPINE ISLANDS
AUSTRALIA
NEW ZEALAND
Tropic of Cancer
Equator
Tropic of Capricorn
Antarctic Circle

Longitude from 20° Greenwich
0°
20°
40°
80° East
Arctic Circle
GREENLAND
ICELAND
SPITZBERGEN
NOVAYA ZEMLYA
EUROPE
ASIA
AFRICA
NORTH AMERICA
SOUTH AMERICA
ATLANTIC OCEAN
PACIFIC OCEAN
INDIAN OCEAN
ARCTIC OCEAN
SOUTHERN OCEAN
BRITISH ISLES
SCANDINAVIA
LAPLAND
RUSSIA
SIBERIA
TURKESTAN
MONGOLIA
CHINA
TIBET
HINDOOSTAN
ARABIAN SEA
BAY OF BENGAL
PERSIA
ARABIA
AFGHANISTAN
BALUCHISTAN
EGYPT
NUBIA
SAHARA OR GREAT DESERT
BARBARY
GUINEA
LOWER GUINEA
SOUDAN
WEST INDIA ISLANDS
BRAZIL
PERU
BOLIVIA
LA PLATA
PATAGONIA
CAPE COLONY
MARINERS COMPASS
Longitude from Washington
37°
57°
77°
97°
117°
137°
157° East


QUEBEC
SCALE OF MILES
0 5 10 20 30 40
Longitude West from Greenwich
76
74
72
70
48
46
Ashuapmouchouan
Peribonka River
St. Prime
ST. JOHN
LAKE
Roberval
Chambord
Metabetchouan
Labarre
Kenogami Lake
Jonquiere
Chicoutimi
Laterriere
Grande Baie
Tremblay
L'Anse au Foin
Grotville
Lake des Sables
Saguenay
CHICOUTIMI
Commissioners Lake
Chicoutimi River
Ha Ha River
L'Anse St. Jean
Tadousac
Betsiamites
Sault au Mouton
Escoumins
Bic Island
Barnaby Island
Father Point
Rimouski
Bic
Isle Verte
Trois Pistoles
Portau Persil
Port au Persil
Cacouna
River du Loup
Notre D. du Portage
TEMISCOUATA
Kadawaska Lake
Fourth Lake
Pohenegamook Lake
Lake Temiscouata
Long Lake
Edmundston
St. Pillaire
Caron Brook
St. John
Mouth of St. Francis
Fort Kent
Eagle Lake
Lake Winthrop
St. Francis
Lake St. Francis
Little B. River
St. Francis
Malbaie River
CHARLEVOIX
Settrington
Clairvaux
Les Eboulemens
St. Paul's Bay
Lake aux Coudres
St. Titedes Cap
St. Fereol
St. Alexandre
St. Andre de Kamouraska
KAMOURASKA
St. Pascal
St. Denis la Bouteillerie
Riviere Ouelle
Ste. Anne la Pocatiere
Village des Aulnaies
St. Jean
Port Joli
Lac Noir
Trois Saumons
Lake del Est
L'Islet
L'Anse a Giles
Cap St. Ignace
Montmagny
St. Michel de Bellechasse
MONTMAGNY
Vallaincourt
Great Black River
Garneau
Rivière a Pierre
Stoneham
Lac Beauport
Chateau Richer
Isle Orleans
Ange Gardien
St. Joachim
St. Jouchin
St. Pierre
St. Francois
Lorette
Beauport
Loyis
Quebec
St. Charles
River Boyer
St. Henri Mauricie
St. Gervais
St. Lazare
St. Henri Sta.
Buckland
St. Magloire
Allens Hill
Jacques Cartier
Montmorency Falls
Bourg Louis
St. Ubalde
St. Alban
St. Catherine's
St. Casimir
St. Tite
St. Michel des Saints
Deschenes
Portneuf
Pont Rouge
Grandes Piles
Ste. Anne de la Perade
Ste. Croix
Baillargeon
Ste. Florent
Pt. Platon
Lotbiniere
Riviere Bois Clair
St. Flavien
St. Zenon
St. Maurice Forges
Shawenegan Falls
Batiscan
St. Pierre Becquets
Chaplain
Cap Magdeleine
Ste. Agathe de Lotbiniere
Domaine de Gentilly
LOTBINIERE
Ste. Reneedre
St. Malachie
Langevin
St. Marguerite
St. Edouard de Frampton
Hemmon
DORCHESTER
Cranbourne
Lake Etchemin
La Beauce
St. Joseph de Beauce
St. Elzear
St. Frederic
Ffrard
Broughton
W. Broughton
E. Broughton
River Gilbert
Jersey River
St. George
Chaudiere
BEAUCE
Marlow
Grandes Coudres
Canada Road
Thennebec Line
Valletort
Stornoway
Whitton
Megantic
Jackmantown
Parlin Pond
Spencer Pond
Dead River
The Forks
Flagstaff
Carrituuk
Blanchard
Abbot
Kingsbury
Guilford
Sangerville
Dover
Foxcroft
Monson
Sebec Sta.
Milo
Orneville
Milesfield
La Grange
Howland
Enfield
Medford
Old Town
Veazie
Brewer
Bangor
Hampden
Skowhegan
Canaan
Pittsfield
Newburgh
Madrid
Phillips
Strong
Stark
Weld
New Vineyard
Richardson Lake
Umbagog
Lake Megantic
Lake Aylmer
Lake Metgermette
Lake Nicolet
Nicolet River
Becancour River
Becancour
Ste. Sophie de Megantic
St. Ferdinand
Maple Grove
Arthabaska
ARTHABASKA
Wolfstown
Ste. Eustache de Forsyth
St. Honore
Lambton
Lake Weedon
Weedon Sta.
Garthby Sta.

ONTARIO

Longitude 5 West from Washington. Longitude 78 West from Greenwich.

SCALL OF MILES. 0 5 10 20 30 40 50

ALGOMA DISTRICT · NIPISSING DISTRICT · PARRY SOUND · MUSKOKA · HALIBURTON · PETERBOROUGH · VICTORIA · NORTHUMBERLAND · DURHAM · PRINCE EDWARD · HASTINGS · RENFREW · OTTAWA · PRESCOTT · RUSSELL · CARLETON · STORMONT · DUNDAS · GLENGARRY · GRENVILLE · LANARK · LEEDS · FRONTENAC · LENNOX · ADDINGTON · SIMCOE · ONTARIO · PEEL · YORK · HALTON · WENTWORTH · LINCOLN · WELLAND · NORFOLK · BRANT · WATERLOO · WELLINGTON · DUFFERIN · GREY · BRUCE · HURON · PERTH · OXFORD · MIDDLESEX · LAMBTON · ESSEX · KENT · ELGIN

LAKE HURON · GEORGIAN BAY · LAKE ONTARIO · LAKE ERIE · LAKE SUPERIOR · LAKE NIPISSING · LAKE TEMISCAMING

Onaping · Larchwood · Chelmsford · Sudbury · Rockford · Wahnapitae · Hill Crest · Markstay · Verner · Sturgeon Falls · Nicholsville · Bonfield · North Bay · Callander · Mattawa · Klock · Rockliffe · Thornby · Desert · Ft. Coulonge · Petawawa · Pembroke · Renfrew · Arnprior · Carleton Place · Almonte · Perth · Smiths Falls · Brockville · Prescott · Cornwall · Alexandria · Lancaster · Vankleek Hill · Hawkesbury · Plantagenet · Casselman · Russell · Metcalfe · Manotick · Richmond · Carp · Kemptville · Winchester · Morrisburg · Iroquois · Chesterville · Winchester Springs · Williamsburg · Finch · Berwick · Avonmore · Moose Creek · Lancaster · Martintown · Alexandria · Glen Sandfield · Maxville · Apple Hill · Williamstown · Lunenburg · Aultsville · Ingleside · Long Sault · Dickinsons Landing · Farran's Point · Cardinal · Iroquois · Matilda · Mountain · Edwardsburg · Spencerville · Prescott · Oxford Mills · Kemptville · Merrickville · Burritts Rapids · Oxford · Wolford · Chesterville · Winchester · Morewood · Ogdensburgh · Canton · Potsdam · Norwood · Madrid · Massena · Waddington · Brasher Falls · Lisbon · Ogdensburg · Heuvelton · Morristown · Brockville · Athens · Lansdowne · Delta · Newboro · Westport · Portland · Gananoque · Rockport · Thousand Islands · Alexandria Bay · Clayton · Cape Vincent · Sackets Harbor · Carthage · Watertown · Lowville · Port Leyden · Boonville · Sageville · Transparent Lake · Oswego · Rome · Camden · Constantia · Pulaski · Richland · Mexico · Sodus Pt. · Sterling · Wilson · Youngstown · Lockport · Niagara Falls · Buffalo · Hamburg · Dunkirk · Fredonia · Westfield · Brocton · Portland · Silver Creek · Irving · Angola · Evans Centre · Hanover · Dunkirk · Fredonia · Ripley · Portland · Westfield · Mayville · Jamestown · Warren · Bradford · Kinzua · Corry · Girard · Conneaut · Ashtabula · Painesville · Cleveland · Detroit · Windsor · Sandwich · Amherstburg · Kingsville · Leamington · Wheatley · Pelee Island · Pt. Pelee · Pt. Aux Pins · Pt. Edward · Sarnia · Port Huron · Mooretown · Wallaceburg · Chatham · Dresden · Ridgetown · Tilbury · Tilbury East · Blenheim · Harrow · Essex · Kingsville · Leamington · Wheatley · Pelee Island · Pt. Pelee · Rondeau · Port Stanley · St. Thomas · Aylmer · Tillsonburg · Delhi · Simcoe · Port Dover · Waterford · Brantford · Paris · Galt · Preston · Hespeler · Berlin · Waterloo · Elmira · Wellesley · St. Jacobs · New Hamburg · Baden · Wellesley · Stratford · Mitchell · Seaforth · Clinton · Goderich · Bayfield · Kincardine · Port Elgin · Southampton · Walkerton · Durham · Owen Sound · Meaford · Thornbury · Collingwood · Stayner · Wasaga · Penetanguishene · Midland · Victoria Harbour · Port McNicoll · Waubaushene · Orillia · Coldwater · Severn Bridge · Port Severn · Gravenhurst · Bracebridge · Huntsville · Port Sydney · Utterson · Dorset · Baysville · Dwight · Rosseau · Parry Sound · Nobel · Byng Inlet · Britt · Pickerel · Key River · Sturgeon River · Trout Creek · Powassan · Commanda · Burk's Falls · Magnetawan · Sundridge · South River · Emsdale · Novar · Burks Falls · Katrine · Ravenscliffe · Berrydale · Cecebe · Maganetawan · Meaford · Thornbury · Clarksburg · Collingwood · Stayner · Wasaga · Creemore · Nottawa · Stayner · Sunnidale Corners · Barrie · Allandale · Bradford · Holland Landing · Newmarket · Aurora · Richmond Hill · Thornhill · Markham · Unionville · Pickering · Whitby · Oshawa · Port Perry · Cannington · Beaverton · Sunderland · Brechin · Uxbridge · Stouffville · Markham · Scarboro · Toronto · Weston · Mimico · New Toronto · Port Credit · Streetsville · Meadowvale · Brampton · Georgetown · Acton · Milton · Oakville · Burlington · Dundas · Hamilton · Waterdown · Grimsby · Beamsville · St. Catharines · Thorold · Merritton · Port Dalhousie · Niagara · Niagara Falls · Chippawa · Fort Erie · Port Colborne · Welland · Dunnville · Caledonia · Cayuga · Haldimand · Hagersville · Jarvis · Port Rowan · Simcoe · Delhi · Tillsonburg · Aylmer · St. Thomas · Port Stanley · Rondeau · Wallaceburg · Dresden · Ridgetown · Chatham · Blenheim · Tilbury · Tilbury East · Harrow · Essex · Kingsville · Leamington · Wheatley · Pelee Island · Pt. 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Pelee · Rondeau · Port Stanley · St. Thomas · Aylmer · Tillsonburg · Delhi · Simcoe · Port Dover · Waterford · Brantford · Paris · Galt · Preston · Hespeler · Berlin · Waterloo · Elmira · Wellesley · St. Jacobs · New Hamburg · Baden · Wellesley · Stratford · Mitchell · Seaforth · Clinton · Goderich · Bayfield · Kincardine · Port Elgin · Southampton · Walkerton · Durham · Owen Sound · Meaford · Thornbury · Collingwood · Stayner · Wasaga · Penetanguishene · Midland · Victoria Harbour · Port McNicoll · Waubaushene · Orillia · Coldwater · Severn Bridge · Port Severn · Gravenhurst · Bracebridge · Huntsville · Port Sydney · Utterson · Dorset · Baysville · Dwight · Rosseau · Parry Sound · Nobel · Byng Inlet · Britt · Pickerel · Key River · Sturgeon River · Trout Creek · Powassan · Commanda · Burk's Falls · Magnetawan · Sundridge · South River · Emsdale · Novar · Burks Falls · Katrine · Ravenscliffe · Berrydale · Cecebe · Maganetawan · Meaford · Thornbury · Clarksburg · Collingwood · Stayner · Wasaga · Creemore · Nottawa · Stayner · Sunnidale Corners · Barrie · Allandale · Bradford · Holland Landing · Newmarket · Aurora · Richmond Hill · Thornhill · Markham · Unionville · Pickering · Whitby · Oshawa · Port Perry · Cannington · Beaverton · Sunderland · Brechin · Uxbridge · Stouffville · Markham · Scarboro · Toronto · Weston · Mimico · New Toronto · Port Credit · Streetsville · Meadowvale · Brampton · Georgetown · Acton · Milton · Oakville · Burlington · Dundas · Hamilton · Waterdown · Grimsby · Beamsville · St. Catharines · Thorold · Merritton · Port Dalhousie · Niagara · Niagara Falls · Chippawa · Fort Erie · Port Colborne · Welland · Dunnville · Caledonia · Cayuga · Haldimand · Hagersville · Jarvis · Port Rowan · Simcoe · Delhi · Tillsonburg · Aylmer · St. Thomas · Port Stanley · Rondeau · Wallaceburg · Dresden · Ridgetown · Chatham · Blenheim · Tilbury · Tilbury East · Harrow · Essex · Kingsville · Leamington · Wheatley · Pelee Island · Pt. Pelee · Pt. Aux Pins · Pt. Edward · Sarnia · Port Huron · Mooretown

NORTH-WESTERN PART OF ONTARIO

SCALE OF MILES.

Longitude West from Washington. Longitude West from Greenwich.

THUNDER BAY · RAINY RIVER DISTRICT · ALGOMA · NIPISSING · NORTH EAST TERRITORY · MINNESOTA · WISCONSIN · MICHIGAN · LAKE SUPERIOR · QUEBEC

Red House · Osnaburg House · Gloucester House · Martins Falls House · Ft. Hedley · Moose Factory · Rupert House · S. River House · L. St. Joseph · L. Paquash · L. Nipigon · L. Nepigon · Height of Land · Minnitakie · Sturgeon L. · Wabigoon House · Long Lake · Lake Nipigon · Ft. Frances · Rainy River · Manitou Rapids · Rainy L. · Woods · Nipigon House · Jackfish Bay · Red Rock · Mackenzie · Trudeau · Wabinosh · Wabinosh Bay · Nipigon Bay · Helen Mine · Silver Mt. · Port Arthur · Isle Royale · Thunder Cape · Pic River · Michipicoten · Michipicoten Harbour · Wawa · Missanabie · Mattawa · Matawatchan · Abbitibi House · Mechiskan Lake · Kippewa · Long Sault · Lake Temiscaming · Temiscaming · Ft. Coulonge · Pembroke · Renfrew · Arnprior · Carleton Place · Almonte · Perth · Smiths Falls · Brockville · Prescott · Cornwall · Alexandria · Lancaster · Vankleek Hill · Hawkesbury · Plantagenet · Casselman · Russell · Metcalfe · Manotick · Richmond · Carp · Kemptville · Winchester · Morrisburg · Iroquois · Chesterville · Winchester Springs · Williamsburg · Finch · Berwick · Avonmore · Moose Creek · Lancaster · Martintown · Alexandria · Glen Sandfield · Maxville · Apple Hill · Williamstown · Lunenburg · Aultsville · Ingleside · Long Sault · Dickinsons Landing · Farran's Point · Cardinal · Iroquois · Matilda · Mountain · Edwardsburg · Spencerville · Prescott · Oxford Mills · Kemptville · Merrickville · Burritts Rapids · Oxford · Wolford · Chesterville · Winchester · Morewood · Ogdensburgh · Canton · Potsdam · Norwood · Madrid · Massena · Waddington · Brasher Falls · Lisbon · Ogdensburg · Heuvelton · Morristown · Brockville · Athens · Lansdowne · Delta · Newboro · Westport · Portland · Gananoque · Rockport · Thousand Islands · Alexandria Bay · Clayton · Cape Vincent · Sackets Harbor · Carthage · Watertown · Lowville · Port Leyden · Boonville · Sageville · Transparent Lake · Oswego · Rome · Camden · Constantia · Pulaski · Richland · Mexico · Sodus Pt. · Sterling · Wilson · Youngstown · Lockport · Niagara Falls · Buffalo · Hamburg · Dunkirk · Fredonia · Westfield · Brocton · Portland · Silver Creek · Irving · Angola · Evans Centre · Hanover · Dunkirk · Fredonia · Ripley · Portland · Westfield · Mayville · Jamestown · Warren · Bradford · Kinzua · Corry · Girard · Conneaut · Ashtabula · Painesville · Cleveland · Detroit · Windsor · Sandwich · Amherstburg · Kingsville · Leamington · Wheatley · Pelee Island · Pt. Pelee · Pt. Aux Pins · Pt. Edward · Sarnia · Port Huron · Mooretown · Wallaceburg · Chatham · Dresden · Ridgetown · Tilbury · Tilbury East · Blenheim · Harrow · Essex · Kingsville · Leamington · Wheatley · Pelee Island · Pt. Pelee · Rondeau · Port Stanley · St. Thomas · Aylmer · Tillsonburg · Delhi · Simcoe · Port Dover · Waterford · Brantford · Paris · Galt · Preston · Hespeler · Berlin · Waterloo · Elmira · Wellesley · St. Jacobs · New Hamburg · Baden · Wellesley · Stratford · Mitchell · Seaforth · Clinton · Goderich · Bayfield · Kincardine · Port Elgin · Southampton · Walkerton · Durham · Owen Sound · Meaford · Thornbury · Collingwood · Stayner · Wasaga · Penetanguishene · Midland · Victoria Harbour · Port McNicoll · Waubaushene · Orillia · Coldwater · Severn Bridge · Port Severn · Gravenhurst · Bracebridge · Huntsville · Port Sydney · Utterson · Dorset · Baysville · Dwight · Rosseau · Parry Sound · Nobel · Byng Inlet · Britt · Pickerel · Key River · Sturgeon River · Trout Creek · Powassan · Commanda · Burk's Falls · Magnetawan · Sundridge · South River · Emsdale · Novar · Burks Falls · Katrine · Ravenscliffe · Berrydale · Cecebe · Maganetawan · Meaford · Thornbury · Clarksburg · Collingwood · Stayner · Wasaga · Creemore · Nottawa · Stayner · Sunnidale Corners · Barrie · Allandale · Bradford · Holland Landing · Newmarket · Aurora · Richmond Hill · Thornhill · Markham · Unionville · Pickering · Whitby · Oshawa · Port Perry · Cannington · Beaverton · Sunderland · Brechin · Uxbridge · Stouffville · Markham · Scarboro · Toronto · Weston · Mimico · New Toronto · Port Credit · Streetsville · Meadowvale · Brampton · Georgetown · Acton · Milton · Oakville · Burlington · Dundas · Hamilton · Waterdown · Grimsby · Beamsville · St. Catharines · Thorold · Merritton · Port Dalhousie · Niagara · Niagara Falls · Chippawa · Fort Erie · Port Colborne · Welland · Dunnville · Caledonia · Cayuga · Haldimand · Hagersville · Jarvis · Port Rowan · Simcoe · Delhi · Tillsonburg · Aylmer · St. Thomas · Port Stanley · Rondeau · Wallaceburg · Dresden · Ridgetown · Chatham · Blenheim · Tilbury · Tilbury East · Harrow · Essex · Kingsville · Leamington · Wheatley · Pelee Island · Pt. Pelee · Pt. Aux Pins · Pt. Edward · Sarnia · Port Huron · Mooretown

DOMINION
WASHINGTON
OREGON
IDAHO
MONTANA
WYOMING
NEVADA
UTAH
COLORADO
ARIZONA
NEW MEXICO
CALIFORNIA
NORTH DAKOTA
SOUTH DAKOTA
NEBRASKA
KANSAS
INDIAN TERR
TEXAS
PACIFIC OCEAN
GULF OF CALIFORNIA
LOWER CALIFORNIA
SONORA
CHIHUAHUA
SINALOA
DURANGO
COAHUILA
Longitude West from
Cape Flattery
Victoria
New Westminster
Whatcom
Ft. Shepherd
Ft. Colville
Ft. Okinakane
Lake Chelan
Spokane Falls
Great Plateau
Columbia R.
Mt. St. Helens
Olympia
Pt. Madison
Quiato
Astoria
Vancouver
Portland
St. Joseph
Kalama
Cascades
Yakima
Sitzville
Wallula
Kinsworth
Walla Walla
Lewiston
Pierce City
Ridge City
Fort Shaw
Fort Benton
Fort Magnoit
Fort B-iknap
Camp Cook
Fort Galpin
Fort Stewart
Fort Buford
Fort Peck
Fort Totten
Fort Stevenson
Fort Berthold
Fort A. Lincoln
Fort Rice
Fort Wadsworth
Aberdeen
Fort Sully
Fort Pierre
Chamberlain
Mitchell
Fort Randall
Pendleton
Weston
La Grande
Salmon River
Baker City
Canyon Cy.
Albany
Salem
Oregon City
Eugene City
Roseburg
Empire City
Coos Bay
Ellensburg
Crescent City
Port Orford
Trinidad
Eureka
Humboldt Bay
Ft. Klamath
Klamath Lakes
Lakeville
Jacksonville
Yreka
Scott R.
Shasta Butte
Mt. Shasta
Sacramento R.
Pitt R.
Burris Bridge
Camp McKee
Camp McGarry
Warner Mts.
Goose Lake
Surprise Valley
Eleven Mile Plateau
Rome House
Granite Pt.
Virginia Cy.
Carson Cy.
Genoa
Stillwater
Winnemucca
Humboldt R.
Humboldt Lake
Unionville
Elko
Palisade
Fort Ruby
Ruby Mts.
Clayton's
Eureka
Hamilton
Antelope Valley
Austin
Reese R.
Reese River Valley
Diamond Mts.
Diamond Valley
Hot Springs
Reno
Chico
Oroville
Colfax
Auburn
Sacramento
Folsom
Placerville
Lake Tahoe
Carson R.
Carson Lake
Walker's Lake
Aurora
Belmont
Patterson
Pioche
Clover Valley
Meadow Valley Mts.
Meadow Valley Wash
Round Valley
Independence
Owen's R.
Owen's Lake
Inyo Mts.
Panamint Mts.
Death Valley
Amargosa R.
Amargosa Desert
Bullion City
Parowan
Toquerville
St. George
Virgin R.
Virgin City
Kanab
Kanab Cañon
Kaibab Mts.
Colorado R.
Grand R.
Green R.
Uinta Mts.
Wasatch Mts.
Wasatch Plateau
Sevier Lake
Sevier R.
Utah Lake
Provo
Salt Lake City
Great Salt Lake
Bear Lake
Bear R.
Logan
Ogden
Brigham City
Echo City
Weber R.
Kelton
Tecoma
Corinne
Promontory Mts.
Malad R.
Malad City
Snake R.
Raft R.
Ft. Hall
Fort Hall
Blackfoot
Eagle Rock
Rock Creek
Silver City
Ralston
Salmon Falls
City of Rocks
Franklin
Bear River
Green River City
Ft. Bridger
Ft. Supply
Ft. Laramie
Ft. Fetterman
Ft. Collins
Laramie City
Cheyenne
Sidney
Julesburg
Potted Tail Agency
Red Cloud Agency
Niobrara River
North Platte
Grand Island
Plum Creek
Fort Kearney
Culbertson
Hughes
Golden City
Denver
Castle Rock
Colorado Springs
Pueblo
Kit Carson
Ouray
Silverton
Del Norte
La Junta
Las Animas
Fort Garland
Conejos
El Moro
Trinidad
Dodge City
Great Bend
Hays City
Russell
Stockton
Norton
Logan
Concordia
Republican R.
Solomon R.
Smoky Hill R.
Arkansas R.
Salt Plain
Kingman
Harper
Cimarron
Santa Clara
Mora
Las Vegas
Santa Fe
Albuquerque
Galisteo
Los Cerros
Fernando de Taos
Rio Grande
Rio Puerco
Rio Colorado
Rio Gila
Rio Penasco
Rio Pecos
Canadian River
Washita R.
Camp Radziminsky
Fort Arbuckle
Llano Estacado
or Staked Plain
Gen. McKenzie's Camp
Henrietta
Jacksboro
Camp Cooper
Fort Griffin
Eastland
Palo Pinto
Waco
Coleman
Hamilton
Brownwood
Ben Ficklin
Menardville
Camp Lancaster
Camp Stockton
Fort Davis
Fort Quitman
Ysleta
El Paso
Franklin
Mesilla
Deming
Silver City
Fort Thorn
Fort Bascom
Fort Sumner
Stanton
Lincoln
Fort Wingate
Fort Defiance
Fort Whipple
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Fort Mojave
Colorado Chiquito
Camp Mohave
Camp Rock Springs
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Cottonwood
Callville
Kingston
Bakersfield
Los Angeles
San Bernardino
Santa Barbara
Santa Monica
Wilmington
San Pedro
San Diego
Fort Yuma
Yuma
Fort Mason
Phoenix
Mohawk Sta.
Maricopa
Tucson
St. Xavier de Bac
Fort Buchanan
Calabasas
Arispe
Altar
Sonora R.
Hermosillo
Guaymas
Buenavista
Guadalupe
Alamos
Concepcion
Chihuahua
Saucillo
La Cruz
Soledad
Buenavitas
Hidalgo
Sinaloa
Cerro Gordo
Mapima
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Ste. Domingo
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Eagle Pass
San Fernando de Rosas
Fort Ewell
Oakville
San Patricio
Pleasanton
Brackettville
San Antonio
New Braunfels
Camp Hudson
Round Rock
Austin
Pecos
Rio Grande
Nueces R.
Ft. Quitman
Ft. Davis
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Yuma
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Tucson
St. Xavier de Bac
Fort Buchanan
Calabasas
Arispe
Altar
Sonora R.
Hermosillo
Guaymas
Buenavista
Guadalupe
Alamos
Concepcion
Chihuahua
Saucillo
La Cruz
Soledad
Buenavitas
Hidalgo
Sinaloa
Cerro Gordo
Mapima
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Coyamo
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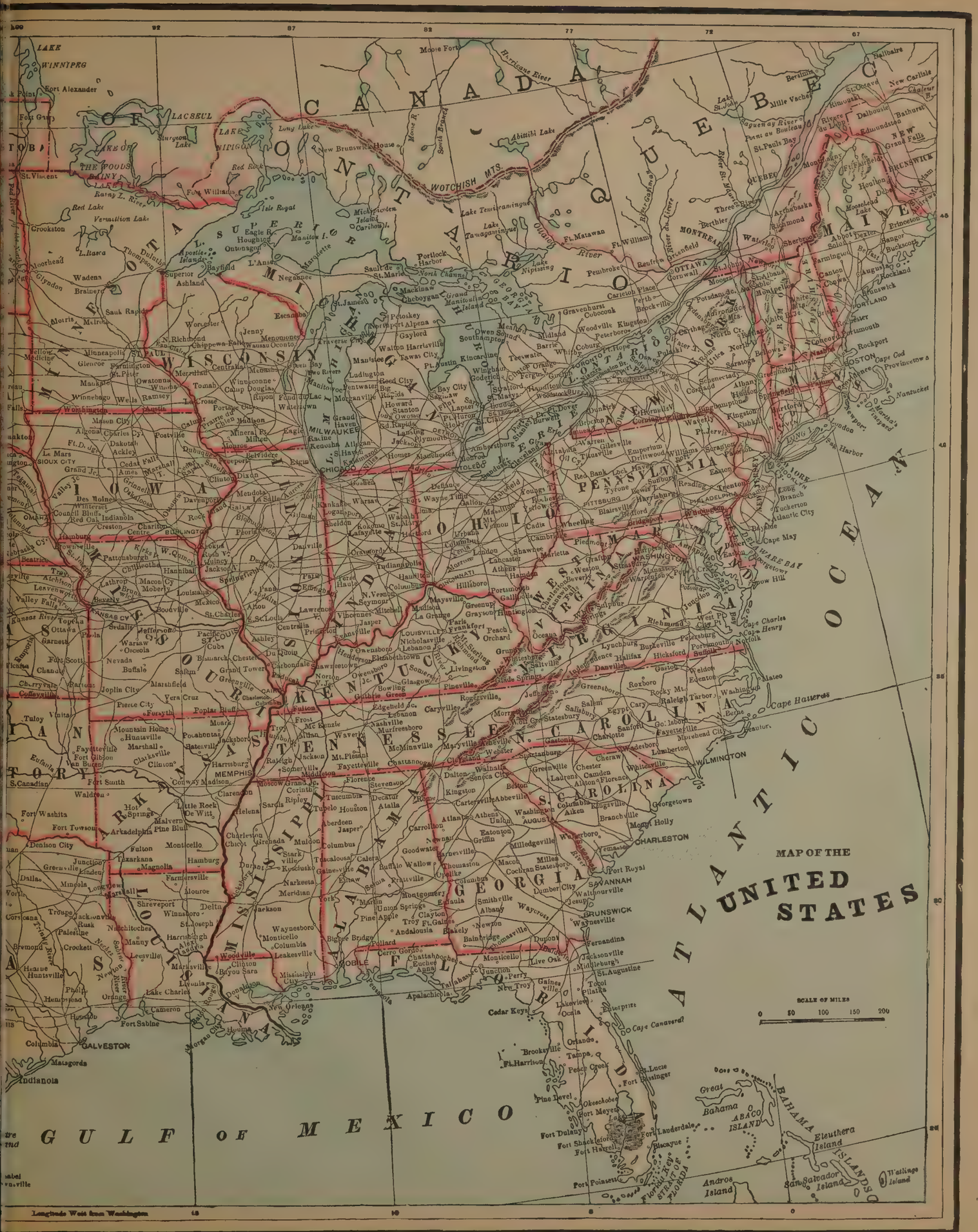
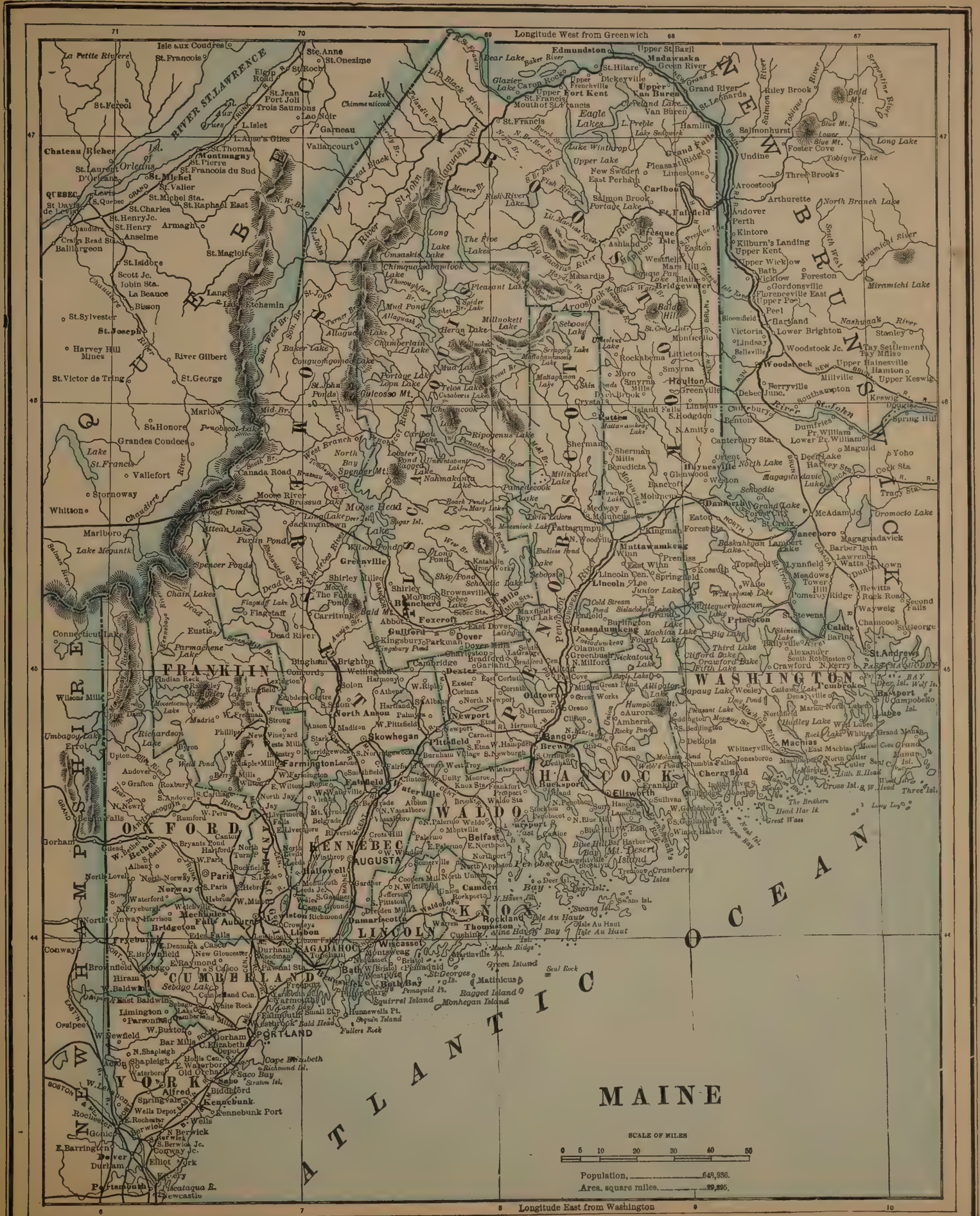
Pleasanton
Brackettville
San Antonio
New Braunfels
Camp Hudson
Round Rock
Austin
Pecos
Rio Grande
Nueces R.


MAP OF THE
UNITED
STATES
CANADA
ATLANTIC OCEAN
GULF OF MEXICO
WISCONSIN
MICHIGAN
ILLINOIS
INDIANA
OHIO
KENTUCKY
TENNESSEE
MISSISSIPPI
ALABAMA
GEORGIA
FLORIDA
SOUTH CAROLINA
NORTH CAROLINA
VIRGINIA
WEST VIRGINIA
PENNSYLVANIA
NEW YORK
MAINE
MISSOURI
ARKANSAS
LOUISIANA
TEXAS
IOWA
MINNESOTA
KANSAS
NEBRASKA
SCALE OF MILES
0 50 100 150 200
Longitude West from Washington

ALASKA
EASTERN SIBERIA
ARCTIC OCEAN
BERING SEA
NORTH PACIFIC OCEAN
ALEUTIAN ISLANDS
ALASKA PENINSULA
Bering Strait
Kotzebue Sound
Norton Sound
Kwichpak or Yukon River
ARCTIC CIRCLE
Fort Yukon
Nulato
Kaiyaazagemut
Ringegan
Takummut
Pastalik
Tallity
Fort Andreavsky
Leatherville
Segoskin
Nowikakat
Nuklukahyet
Shaktolik
Ulukuk
Fort Kolmakoff
Nushagak Lake
Lake Dilling
Fort Alexander
Katmai
Kadiak Island
Shumagin Islands
Unimak Island
Pribyloff Islands
St. Paul Isl.
St. George Isl.
St. Lawrence Island
Hall Isl.
St. Matthew Isl.
Nunivak Island
Cape Romanzof
Cape Vancouver
Cape Rodney
Cape Newenham
Cape Constantine
Cape Douglas
Cape Resurrection
Cape Elias
Middleton Isl.
Kayak Isl.
Trinity Isl.
Sutkwok Isl.
Unalaska Isl.
Umnak Isl.
Akutan Isl.
Sannak Isl.
Shumagin Isl.
Sitkalidak Isl.
Portlock Bank
Fairweather Ground
Behring Bay
Icy Bay
Yakutat Bay
Port Wells
Port Valdez
Alaganik Village
Copper River
Sushitna River
Tanana River
Nowitna River
Koyukuk River
Kuskokwim River
Yukon River
Porcupine River
Peel River
Mackenzie River
Reid House
Fort Selkirk
Pelly River
Pelly Lakes
Fort Pelly
Indian Village
Lebarge Lakes
Frances Lakes
Fort Frances
Simpson Lake
Tahoo Lake
Ball River
Liard River
Dease River
Stikine River
Francis River
Nahanni River
Fort Good Hope
Old Fort Good Hope
Great Bear Lake
Keith Arm
Mc. Vicar Bay
Smith Bay
Dease Bay
Esquimaux Inlet
Mc. Gillvray Isl.
Mc. Kenzie River
Le Noury River
Andrew River
Fort Farlane
Cape Bathurst
Franklin Bay
Cape Parry
Liverpool Bay
Kendall Isl.
Herschel Isl.
Phillip Bay
Point Barrow
Point Hope
Cape Lisburne
Cape Thompson
Cape Beaufort
Cape Sabine
Cape Halkett
Harrison Bay
Tangent Point
Smith Bay
Refuge Inlet
Elson Bay
Pearl Bay
Bekler Pt.
Icy Cape
Flat Bay
Kotzebue Bay
Kotlik Bay
Kolluchin Bay
Anadyr Bay
Hatham Inlet
Kalawik Lake
Escholtz Basin
Shiningrua
Nunuak
Nunatak River
Colville River
Sagavanirktok River
Kuparuk River
Colville River
Mt. Wrangle
Mt. St. Elias 19,500 ft.
Mt. Fairweather 15,500
Mt. Crillon
H.B. Post Taku
Admiralty Isl.
Fort Wrangel
Cape Spencer
Cross Sound or Isy Strait
Kruzof Isl.
Chichagof Isl.
Sitka Bay
SITKA
Baranoff or Sitka Isl.
Christian Sound
D. of York Isl.
Prince of Wales Islands
Revillagigeda Island
Portland Canal
Observatory Inlet
Fort Tongas
Fort Simpson
Fort Babine
Babine Lake
Fort Essington
Francois Lake
Fort Stager
Granitza Channel
Dixon Sound
Queen Charlotte Islands
Graham Isl.
Douglas Isl.
Gold Head
Skidegate Channel
Esteman Reef
Gardner Ch.
Royal Isl.
Aristizabal Isl.
Laughlin Isl.
Moresby Isl.
Prevost Isl.
Pitt Isl.
Banks Isl.
Tatla Lake
Fraser River
Peace River
Rocky Mts.
Cascade Mts.
Alaska Mts.
Ohigmit Mts.
Mt. Wrangle
Northumberland V.
Kotzebue Sound
Hatham Inlet
Cape Krusenstern
Cape Espenberg
Cape Prince of Wales
Cape Nome
Cape Darby
Cape Rodney
Cape Denbigh


Longitude West from Greenwich
Longitude East from Washington
MAINE
ATLANTIC OCEAN
SCALE OF MILES
0 5 10 20 30 40 50
Population, 648,936.
Area, square miles, 29,895.
AROOSTOOK
PENOBSCOT
PISCATAQUIS
SOMERSET
FRANKLIN
OXFORD
KENNEBEC
WALDO
HANCOCK
WASHINGTON
CUMBERLAND
SAGADAHOC
LINCOLN
KNOX
YORK
Bangor
Portland
Augusta
Lewiston
Auburn
Bath
Rockland
Belfast
Calais
Eastport
Machias
Ellsworth
Bucksport
Skowhegan
Waterville
Farmington
Rumford
Norway
Paris
Biddeford
Saco
Kennebunk
Old Orchard
Gorham
Westbrook
Brunswick
Bridgton
Fryeburg
Houlton
Presque Isle
Caribou
Fort Kent
Madawaska
Van Buren
Grand Falls
St. John River
Penobscot River
Kennebec River
Androscoggin River
Moosehead Lake
Chesuncook Lake
Mattawamkeag Lake
Pemadumcook Lake
Millinocket Lake
Seboomook Lake
Allagash Lake
Eagle Lakes
Long Lake
Sebago Lake
Damariscotta Lake
Penobscot Bay
Casco Bay
Machias Bay
Frenchman Bay
Passamaquoddy Bay
Mount Desert Island
Matinicus
Monhegan Island
Seal Rock
Cape Elizabeth
Richmond Isl.
Squirrel Island
Fullers Rock
Hunnewells Pt.
Ragged Island
Green Island
Muscle Ridge
Isle Au Haut
Swans Isl.
Deer Isl.
Cranberry Isles
Great Wass
Head Har Id.
Three Isl.
Cross Isl.
Wood Isl.
Machias Seal Id.
Libby Id.
Seal Id.
Deer Isl.
Wolf Id.
Campobello Isl.
Grand Manan
Cove Grand Manan
Whitlock Mills
Wilsons Mills
Errol
Umbagog Lake
Richardson Lake
Lake Megantic
Spencer Ponds
Chain Lakes
Connecticut Lake
Parmachene Lake
Flagstaff Lake
Dead River
Moosehead Lake
Seboomook Lake
Chesuncook Lake
Penobscot Lake
Millinocket Lake
Pemadumcook Lake
Katahdin Iron Works
Mount Katahdin
Mount Kineo
Baker Lake
Allagash Lake
Eagle Lakes
Long Lake
Sebago Lake
Damariscotta Lake
Penobscot Bay
Casco Bay
Machias Bay
Frenchman Bay
Passamaquoddy Bay
Mount Desert Island
Matinicus
Monhegan Island
Seal Rock
Cape Elizabeth
Richmond Isl.
Squirrel Island
Fullers Rock
Hunnewells Pt.
Ragged Island
Green Island
Muscle Ridge
Isle Au Haut
Swans Isl.
Deer Isl.
Cranberry Isles
Great Wass
Head Har Id.
Three Isl.
Cross Isl.
Wood Isl.
Machias Seal Id.
Libby Id.
Seal Id.
Deer Isl.
Wolf Id.
Campobello Isl.
Grand Manan
Cove Grand Manan
Whitlock Mills
Wilsons Mills
Errol
Umbagog Lake
Richardson Lake
Lake Megantic
Spencer Ponds
Chain Lakes
Connecticut Lake
Parmachene Lake
Flagstaff Lake
Dead River

NEW HAMPSHIRE & VERMONT.
SCALE OF MILES
0 5 10 15 20 25 30
N.H. Area 9,005 Sq.m. Pop. 346,991
Vt. Area 9,136 Sq.m. Pop. 332,286
Longitude West from Greenwich
Longitude East from Washington
78
72
71
45
44
43
4
5
6
QUEBEC
ESSEX
ORLEANS
FRANKLIN
GRAND ISLE
CHITTENDEN
LAMOILLE
WASHINGTON
ORANGE
ADDISON
RUTLAND
WINDSOR
WINDHAM
CALEDONIA
ESSEX
GRAFTON
COOS
CARROLL
BELKNAP
MERRIMACK
SULLIVAN
CHESHIRE
HILLSBORO
ROCKINGHAM
STRAFFORD
BENNINGTON
MASSACHUSETTS
ATLANTIC OCEAN
Lake Champlain
Lake Memphremagog
Connecticut River
Winnipesaukee
Lake Sunapee
Lake Winnipesaukee
Lake Ossipee
Lake Winnisquam
Lake Asquam
Lake Waukewan
Lake Newfound
Lake Sunapee
Lake Massawippi
Lake Willoughby
Lake Memphremagog
Lake Champlain
Lake Dunmore
Lake Bomoseen
Lake St. Catherine
Lake Hortonia
Lake Fairlee
Lake Morey
Lake Elmore
Lake Eden
Lake Seymour
Lake Carmi
Lake Iroquois
Lake Salem
Lake Tarleton
Lake Memphremagog
Lake Willoughby

MASSACHUSETTS
AND
RHODE ISLAND
Longitude West from Greenwich.
73
72
71
42
41
88
BOSTON
PROVIDENCE
HARTFORD
NEWPORT
NANTUCKET
NORFOLK CO.
CAPE COD
BAY
ATLANTIC OCEAN
L. ISLAND SOUND
MASS. BAY

Longitude West 77 from
SCALE OF STATUTE MILES
5 10 15 20 25 30
LAKE ONTARIO
LAKE ERIE
ATLANTIC OCEAN
LONG ISLAND SOUND
NEW YORK BAY
NEW JERSEY
PENN.
NEWARK
JERSEY CITY
BROOKLYN
QUEENS
KINGS
RICHMOND
ORANGE
ROCKLAND
WESTCHESTER
NIAGARA
ORLEANS
MONROE
WAYNE
GENESEE
LIVINGSTON
ONTARIO
YATES
WYOMING
ERIE
CHAUTAUQUA
CATTARAUGUS
ALLEGANY
STEUBEN
SCHUYLER
CHEMUNG
Rochester
Buffalo
Hamilton
Toronto
Niagara Falls
Lockport
Batavia
Geneva
Canandaigua
Penn Yan
Dansville
Mount Morris
Warsaw
Olean
Salamanca
Jamestown
Corning
Elmira
Watkins Glen
Hornell
Penn.
Binghamton
Owego
Ithaca
Auburn
Syracuse
Oswego
Rochester
Utica
Rome
Oneida
Cortland
Norwich
Oneonta
Albany
Troy
Schenectady
Saratoga
Glens Falls
Lake George
Lake Champlain
Plattsburgh
Ogdensburg
Watertown
Sackets Harbor
Cape Vincent
Thousand Islands
Adirondacks
Catskills
Hudson River
Mohawk River
Erie Canal
New York Central R.R.
Erie R.R.
Delaware, Lackawanna & Western R.R.
Lehigh Valley R.R.
Pennsylvania R.R.
Delaware & Hudson R.R.
Ontario & Western R.R.
Central R.R. of New Jersey
Long Island R.R.
New York, New Haven & Hartford R.R.
Hackensack
Englewood
Spuyten Duyvil
Harrow
Lodi
Leonia
Richfield
Passaic
Corona
Ridgefield
Fairview
Fordham
Yonkers
Mount Vernon
New Rochelle
Mamaroneck
Port Chester
Greenwich
Stamford
Norwalk
Bridgeport
Danbury
Waterbury
Hartford
New Haven
Meriden
Middletown
Willimantic
Putnam
Thompson
Killingly
Norwich
New London
Stonington
Mystic
Groton
Montauk Point
Orient Point
Shelter Island
Fishers Island
Block Island
Martha's Vineyard
Nantucket
Cape Cod
Boston
Providence
Newport
Fall River
New Bedford
Worcester
Springfield
Pittsfield
Berkshire Hills
Taconic Range
Green Mountains
White Mountains
Connecticut River
Housatonic River
Thames River
Narragansett Bay
Block Island Sound
Vineyard Sound
Nantucket Sound
Buzzards Bay
Cape Cod Bay
Massachusetts Bay
Gulf of Maine
Bay of Fundy
Nova Scotia
New Brunswick
Prince Edward Island
Quebec
Montreal
Ottawa
Kingston
Belleville
Trenton
Peterborough
Lindsay
Orillia
Barrie
Collingwood
Owen Sound
Georgian Bay
Manitoulin Island
Sault Ste. Marie
Lake Superior
Lake Michigan
Lake Huron
Lake Erie
Lake Ontario
Detroit
Toledo
Cleveland
Akron
Canton
Youngstown
Pittsburgh
Erie
Meadville
Oil City
Titusville
Franklin
Warren
Bradford
Kinzua
Allegheny River
Susquehanna River
Delaware River
Allegheny Mountains
Alleghany Mountains
Pocono Mountains
Poconos
Scranton
Wilkes-Barre
Hazleton
Pottsville
Reading
Allentown
Bethlehem
Easton
Harrisburg
Lancaster
York
Gettysburg
Chambersburg
Carlisle
Shippensburg
Mechanicsburg
Lebanon
Hershey
Philadelphia
Camden
Trenton
Atlantic City
Cape May
Wilmington
Dover
Baltimore
Annapolis
Washington
Chesapeake Bay
Delaware Bay
Delaware Water Gap
Susquehanna
Juniata River
Potomac River
Shenandoah River
Blue Ridge
Appalachian Mountains
Cumberland Gap
Tennessee
Kentucky
Virginia
West Virginia
North Carolina
South Carolina
Georgia
Florida
Alabama
Mississippi
Louisiana
Texas
Oklahoma
Arkansas
Missouri
Illinois
Indiana
Ohio
Michigan
Wisconsin
Minnesota
Iowa
Kansas
Nebraska
Colorado
Wyoming
Montana
North Dakota
South Dakota
Utah
Nevada
California
Oregon
Washington
Idaho
Arizona
New Mexico
Alaska
Hawaii
Cuba
Jamaica
Haiti
Dominican Republic
Puerto Rico
Bermuda
Bahamas
Mexico
Gulf of Mexico
Caribbean Sea
Panama Canal
Panama
Colombia
Venezuela
Brazil
Argentina
Chile
Peru
Ecuador
Bolivia
Paraguay
Uruguay
Europe
Africa
Asia
Australia
New Zealand
Pacific Ocean
Atlantic Ocean
Indian Ocean
Arctic Ocean
Antarctica
North Pole
South Pole
Equator
Tropic of Cancer
Tropic of Capricorn
Arctic Circle
Antarctic Circle
Prime Meridian
International Date Line
Time Zones
Eastern Standard Time
Central Standard Time
Mountain Standard Time
Pacific Standard Time
Alaska Standard Time
Hawaii Standard Time
Greenwich Mean Time
Universal Time
Daylight Saving Time
Standard Time
Local Time
Solar Time
Sidereal Time
Lunar Time
Tidal Time
Nautical Time
Astronomical Time
Civil Time
Military Time
Zone Time
Mean Time
Apparent Time
Equation of Time
Longitude
Latitude
Parallels
Meridians
Great Circle
Small Circle
Rhumb Line
Loxodrome
Orthodrome
Geodesic
Spheroid
Ellipsoid
Geoid
Datum
Projection
Mercator Projection
Conic Projection
Azimuthal Projection
Gnomonic Projection
Stereographic Projection
Orthographic Projection
Equidistant Projection
Equal-Area Projection
Conformal Projection
Polyconic Projection
Sinusoidal Projection
Homolographic Projection
Mollweide Projection
Robinson Projection
Van der Grinten Projection
Goode Homolosine Projection
Interrupted Projection
Oblique Projection
Transverse Projection
Cylindrical Projection
Azimuthal Projection
Conic Projection
Polyconic Projection
Pseudocylindrical Projection
Pseudoconic Projection
Pseudoazimuthal Projection
Pseudoconical Projection
Pseudocylindrical Projection
Pseudoazimuthal Projection
Pseudoconical Projection

ST. LAWRENCE
FRANKLIN
CLINTON
ESSEX
LEWIS
HAMILTON
WARREN
WASHINGTON
JEFFERSON
OSWEGO
ONEIDA
SARATOCA
FULTON
MONTGOMERY
SCHENECTADY
RENSSELAER
HERKIMER
MADISON
ONONDAGA
OTSEGO
SCHOHARIE
ALBANY
CORTLAND
CHENANGO
GREENE
TOMPKINS
TIOGA
DELAWARE
COLUMBIA
SULLIVAN
ORANGE
DUTCHESS
PUTNAM
ROCKLAND
WESTCHESTER
MASSACHUSETTS
CONNECTICUT
VERMONT
LONG ISLAND SOUND
SUFFOLK
Longitude East 2 from Washington

NEW JERSEY
PHILADELPHIA
TRENTON
NEW YORK
BROOKLYN
LONG ISL. SOUND
ATLANTIC OCEAN
DELAWARE BAY
DELAWARE
PENNSYLVANIA
LACKAWANNA
CARBON
MONROE
PIKE
SUSSEX
WARREN
MORRIS
ESSEX
HUDSON
UNION
BERGEN
PASSAIC
HUNTERDON
MERCER
MIDDLESEX
MONMOUTH
OCEAN
BURLINGTON
CAMDEN
GLOUCESTER
ATLANTIC
CUMBERLAND
SALEM
BERKS
LEHIGH
NORTHAMPTON
MONTGOMERY
BUCKS
CHESTER
DELAWARE
LANCASTER
DAUPHIN
SCHUYLKILL
DOVER
Longitude East from Washington
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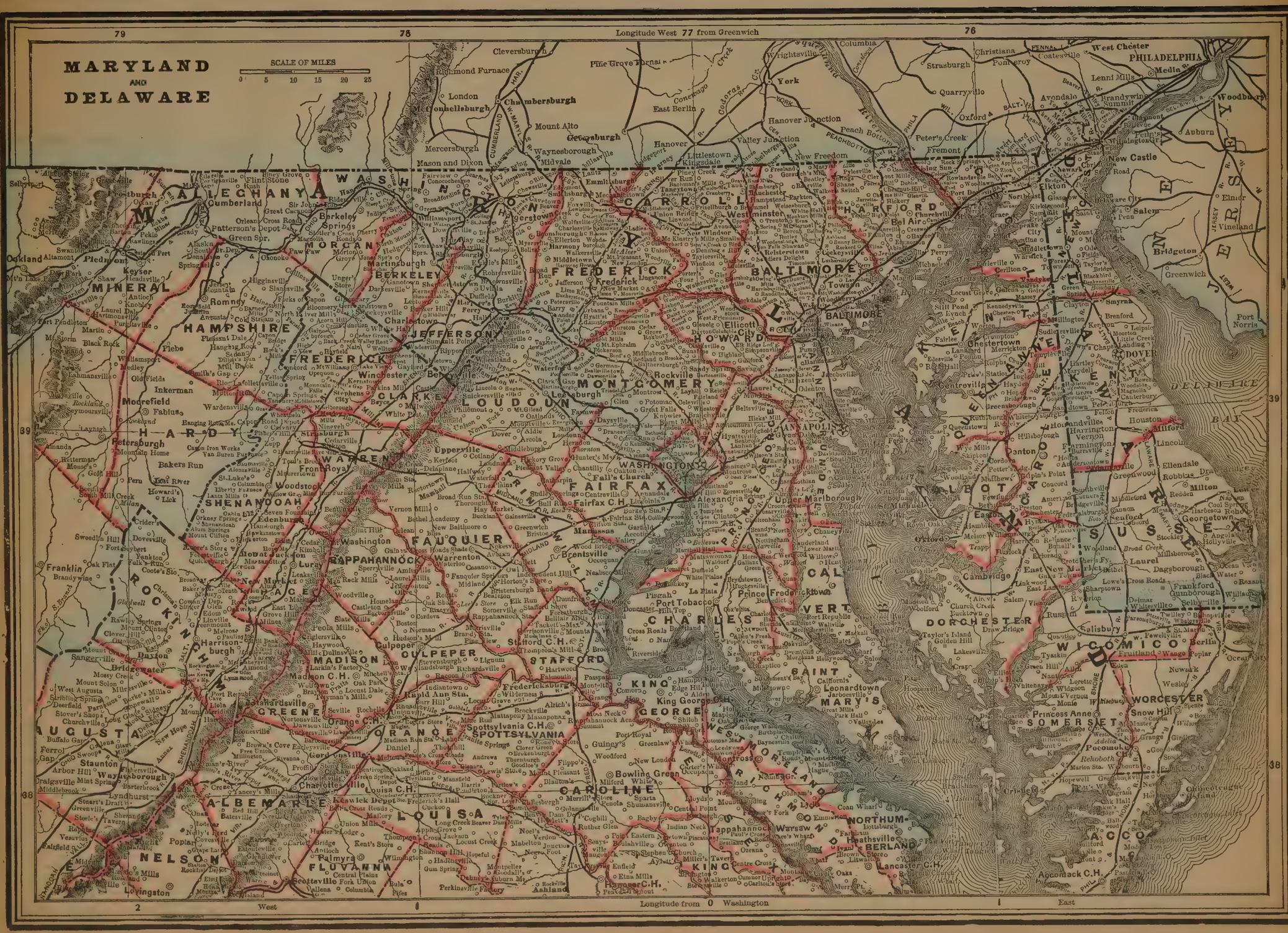
MARYLAND
AND
DELAWARE
SCALE OF MILES
0 5 10 15 20 25
Longitude West 77 from Greenwich
79
78
76
Longitude from 0 Washington
2 West
1
1 East
ALLEGHANY
WASHINGTON
FREDERICK
CARROLL
HARFORD
BALTIMORE
BALTIMORE
MINERAL
HAMPSHIRE
MORGAN
BERKELEY
JEFFERSON
HOWARD
ANNE ARUNDEL
CECIL
KENT
QUEEN ANNE'S
TALBOT
CAROLINE
DORCHESTER
SOMERSET
WORCESTER
WICOMICO
HARDY
PENDLETON
GRANT
TUCKER
RANDOLPH
BARBOUR
UPSHUR
LEWIS
HARRISON
DODDRIDGE
TYLER
PRESTON
MONONGALIA
MARION
TAYLOR
BARBOUR
WARREN
CLARKE
LOUDOUN
MONTGOMERY
PRINCE GEORGE'S
CALVERT
CHARLES
SAINT MARY'S
KING GEORGE
STAFFORD
PRINCE WILLIAM
FAIRFAX
FAUQUIER
RAPPAHANNOCK
CULPEPER
MADISON
ORANGE
SPOTTSYLVANIA
KING
QUEEN
KING WILLIAM
ESSEX
GLOUCESTER
MATHEWS
MIDDLESEX
NORTHUMBERLAND
WESTMORELAND
RICHMOND
LANCASTER
ACCOMACK
SHENANDOAH
PAGE
ROCKINGHAM
AUGUSTA
ROCKBRIDGE
BATH
HIGHLAND
ALBEMARLE
GREENE
LOUISA
FLUVANNA
NELSON
AMHERST
BUCKINGHAM
CUMBERLAND
PRINCE EDWARD
APPOMATTOX
CAMPBELL
BEDFORD
ROANOKE
FRANKLIN
PITTSYLVANIA
HENRY
PATRICK
MONROE
SUMMERS
GREENBRIER
POCAHONTAS
PENDLETON
HARDY
HAMPSHIRE
MORGAN
BERKELEY
JEFFERSON
CLARKE
FREDERICK
WARREN
SHENANDOAH
PAGE
ROCKINGHAM
AUGUSTA
HIGHLAND
BATH
ALLEGHANY
BOTETOURT
CRAIG
ROANOKE
FRANKLIN
PATRICK
HENRY
MONROE
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GREENBRIER
POCAHONTAS
RANDOLPH
TUCKER
BARBOUR
UPSHUR
LEWIS
HARRISON
DODDRIDGE
TYLER
PRESTON
MONONGALIA
MARION
TAYLOR
Cumberland
Frostburg
Piedmont
Keyser
Romney
Martinsburg
Charlestown
Harper's Ferry
Winchester
Berryville
Front Royal
Strasburg
Woodstock
Edinburg
Mount Jackson
New Market
Harrisonburg
Staunton
Waynesboro
Lyndhurst
Charlottesville
Louisa C.H.
Palmyra
Scottsville
Lovingston
Warrenton
Fauquier Springs
Sperryville
Culpeper
Madison C.H.
Orange C.H.
Fredericksburg
Rapid Ann Sta.
Standardsville
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Occoquan
Dumfries
Aquia
Stafford C.H.
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Millington
Galena
Kennedyville
Still Pond
Fairlee
Rock Hall
Chestertown
Rock Hall
Worton
Kent Island
Stevensville
Queenstown
Wye Mills
Centreville
Hillsborough
Denton
Greensborough
Federalsburg
Preston
Hobbs
Andersontown
Harrington
Vernon
Farmington
Burrsville
Seaford
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Robbins
Milford
Houston
Harbeson
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Fruitland
Wango
Poplar
Tyaskin
Nanticoke
Whitehaven
Quantico
Golden Hill
Taylor's Island
Church Creek
Bucktown
Cambridge
East New Market
Linkwood
Secretary
Vienna
Hurlock
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Dumfries
Aquia
Stafford C.H.
Falmouth
Hartwood
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Loudoun
Leesburg
Rockville
Clarksburg
Germantown
Gaithersburg
Darnestown
Poolesville
Barnesville
Sandy Spring
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Chaneyville
Sunderland
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Deale
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Centreville
Chestertown
Millington
Galena
Kennedyville
Still Pond
Fairlee
Rock Hall
Chestertown
Rock Hall
Worton
Kent Island
Stevensville
Queenstown
Wye Mills
Centreville
Hillsborough
Denton
Greensborough
Federalsburg
Preston
Hobbs
Andersontown
Harrington
Vernon
Farmington
Burrsville
Seaford
Laurel
Dagsboro
Millsborough
Frankford
Selbyville
Georgetown
Milton
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Harbeson
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LAKE ERIE
CHAUTAUQUA
CATTARAUGUS
ALLEGANY
WARREN
MCKEAN
POTTER
ELK
CAMERON
CRAWFORD
FOREST
VENANGO
MERCER
CLARION
JEFFERSON
CLEARFIELD
LAWRENCE
BUTLER
ARMSTRONG
INDIANA
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BLAIR
BEAVER
ALLEGHENY
WESTMORELAND
SOMERSET
BEDFORD
FULTON
WASHINGTON
GREENE
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HUNTINGDON
MONONGALIA
MARION
PRESTON
TAYLOR
HARRISON
GARRETT
ALLEGANY
WASHINGTON
MORGAN
BERKELEY
HAMPSHIRE
MINERAL
Sheridan Sta.
Gowanda
Dayton
Persia
Machias
Machias Jc.
Farmersville Sta.
Burn's Sta.
Hornellsville
Norton
South Dayton
Skidmores
Little Valley
Conewango Valley
Hinsdale
Belmont
White House
Salamanca
Carrollton
Randolph
Redhouse
Falconer Jc.
Frewsburgh
Irving
Olean
Wellsville
Dyke
Ashville
Watt's Flats
Sugar Grove
Ackley Sta.
Corydon
Kendall Cr.
Bradford
Eldred
Bullis Mills
Shinglehouse
Sharon Centre
Millport
Coleville
Larabee
Sartwell
Turtle Point
East Hebron
Ellisburgh
Gold
Ulysses
Raymonds
Colesburgh
Sanderlin
Smethport
Coudersport
Stockholm
Roulette
Sweden
Lymansville
West Pike
Colegrove
Crosby
Hamlin
Liberty
Wrights
Sweden Valley
Clermont
Wernwag
Mt. Jewett
Kane
Sargent
Williamsville
Emporium
Costello
North Wharton
Short Ridge
Kettle Creek
Cross Fork
Hammersley's Fork
Sterling Run
Dent's Run
Driftwood
Renovo
Westport
Cook's Run
Glen Union
Ridgway
Millstone
Whitletow
Eagle Valley
Benzinger
Johnsonburgh
Hemlock
Rathbun
Howard's
Cameron
Wharton
Sheffield Jc.
Clarion
Rolfe
Beechwood
West Cr.
Sheffield
Tionesta
Tionesta Sta.
Marionville
Newmansville
Foxburg
Dahoga
Wilcox
Brookston
Vandergrift
Garfield
Panther Rock
Titusville
East Titusville
Oil City
Petroleum Cen.
Pleasantville
Drakeville
East Hickory
West Hickory
Tionesta
Harry's Bend
Franklin
Cochran
Cranberry Mines
Frytown
Redclyffe
Millstone
Clarington
Cooksburg
Sigel
Schoffner's Cor.
Dagus Mines
Rock Hill
Brockport
Little Toby
Pendleton
Caledonia
Grant
Summerville
Sykesville
Rathmel
Dent's Run
Huntley
Driftwood
Sterling Run
Summerhaning
Wistar
Grove Land
Round Island
Cook's Run
Westport
Renovo
Emporium
Cameron
Elk
Mckean
Potter
Venango
Clarion
Jefferson
Clearfield
Forest
Crawford
Warren
Meadville
Titusville
Oil City
Franklin
Venango
Mercer
Clarion
Jefferson
Brookville
Clearfield
Lawrence
Butler
Armstrong
Indiana
Cambria
Blair
Beaver
Allegheny
Westmoreland
Somerset
Bedford
Fulton
Washington
Greene
Fayette
Huntingdon
Monongalia
Marion
Preston
Taylor
Harrison
Garrett
Allegany
Washington
Morgan
Berkeley
Hampshire
Mineral
Pittsburgh
Wilkinsburg
Turtle Creek
Braddock
Homestead
Munhall
Duquesne
McKeesport
Elizabeth
Monessen
Greensburg
Latrobe
Ligonier
Johnstown
Somerset
Bedford
Everett
Cumberland
Frostburg
Grantsville
Oakland
Kingwood
Fairmont
Morgantown
Clarksburg
Weston
Buckhannon
Philippi
Grafton
Fairmont
Mannington
Farmington
Accident
Piedmont
Altamont
Keyser
Green Spr. Run
Rockwells Run
Little Cacapon
Martinsburg
Berkeley Springs
Oldtown
Potomac
Hancock
Cumberland
Frostburg
Shade Mills
Mount Savage Jc.
Selbysport
Headsville
Rodamer's
Oakland
Tunnelton
Thornton
Crafton
Burton
Point Marion
Gibbon Glade
Somerfield
Markleysburg
Listonburg
Elk Lick
Wellersburg
Kennett's Mills
Sand Patch
Philson
Glencoe
Hyndman
Wills Creek
Chaneyville
Green Point
Elbinsville
Warfordsburg
Cook's Mills
Bean's Cove
Buck Valley
Robinsonville
Sidelingville
Franklin Mills
Sipe's Mill
Rainsburg
Purcell
Bowmans
Garrett
Yoders
Salisbury Jct.
Meyersdale
Pine Grove
Somerset
Stoystown
Sprucetown
Jennerstown
Stanton Mills
Somerset Fur.
Davidsville
Ashtold
Scalp Level
Ligonier
Laughlintown
Youngstown
Youngwood
Newton
Connellsville
Indian Head
Indian Creek
Dunbar
Uniontown
Mt. Braddock
Lenont
Rushes
Falls City
Ohiopyle
Confluence
Somerfield
Markleysburg
Point Marion
Gibbon Glade
Fairchance
Smithfield
Farmington
Mt. Morris
Dent
Jollytown
Deep Valley
Pine Bank
Brock
Wiley
Greensborough
Maplewood
Kirby
Whitley
Cumberland
Frostburg
Shade Mills
Mount Savage Jc.
Selbysport
Grantsville
Accident
Piedmont
Altamont
Keyser
Green Spr. Run
Rockwells Run
Little Cacapon
Martinsburg
Berkeley Springs
Oldtown
Potomac
Hancock
Cumberland
Frostburg
Shade Mills
Mount Savage Jc.
Selbysport
Headsville
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Oakland
Tunnelton
Thornton
Crafton
Burton
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Kennett's Mills
Sand Patch
Philson
Glencoe
Hyndman
Wills Creek
Chaneyville
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Elbinsville
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Bean's Cove
Buck Valley
Robinsonville
Sidelingville
Franklin Mills
Sipe's Mill
Rainsburg
Purcell
Bowmans
Garrett
Yoders
Salisbury Jct.
Meyersdale
Pine Grove
Somerset
Stoystown
Sprucetown
Jennerstown
Stanton Mills
Somerset Fur.
Davidsville
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Scalp Level
Ligonier
Laughlintown
Youngstown
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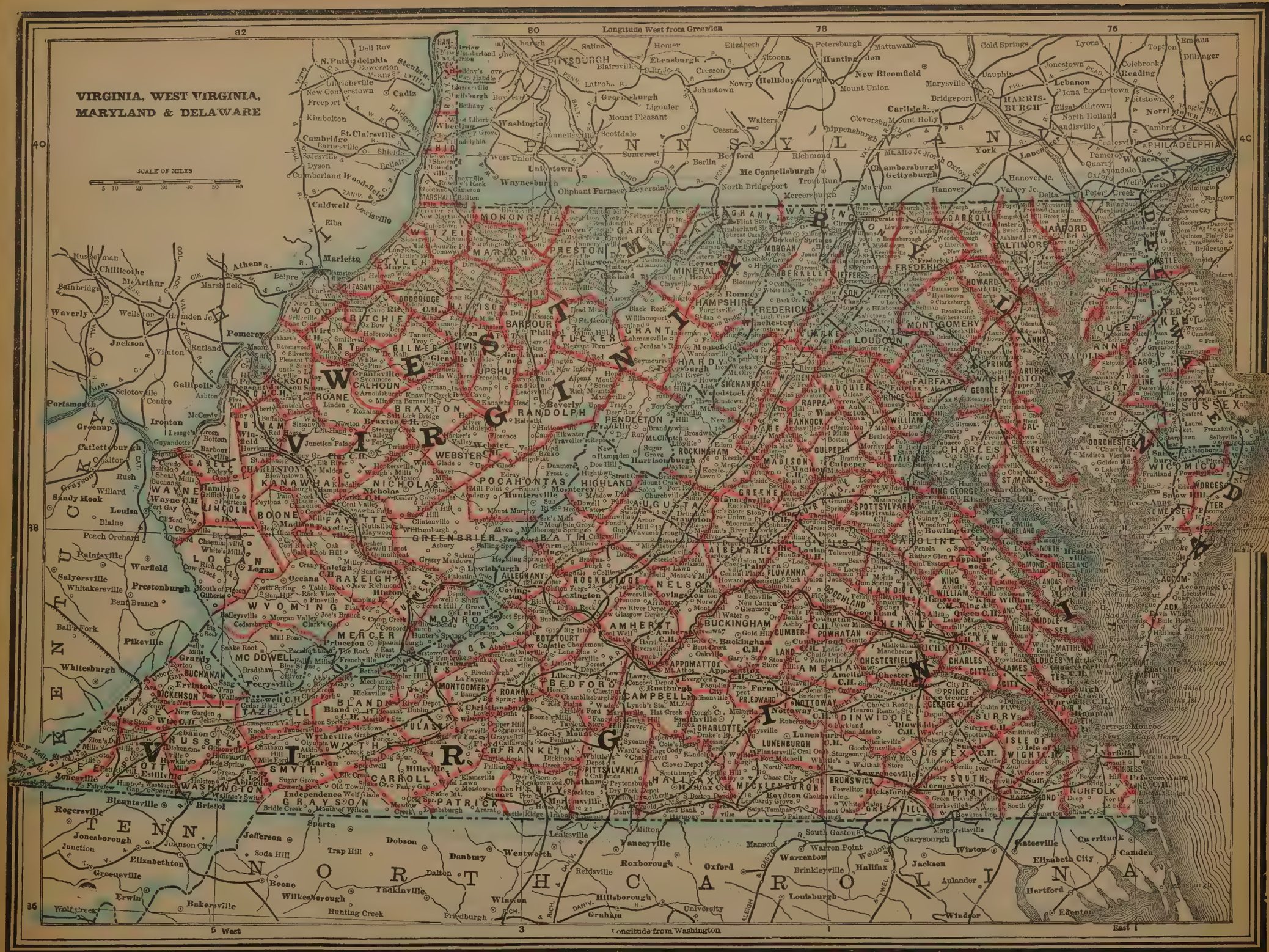
Connellsville
Indian Head
Indian Creek
Dunbar
Uniontown
Mt. Braddock
Lenont
Rushes
Falls City
Ohiopyle
Confluence
Somerfield
Markleysburg
Point Marion
Gibbon Glade
Fairchance
Smithfield
Farmington
Mt. Morris
Dent
Jollytown
Deep Valley
Pine Bank
Brock
Wiley
Greensborough
Maplewood
Kirby
Whitley
80
79
78
82
41
40
3
2
1
West

PENNSYLVANIA
SCALE OF MILES
0 5 10 15 20 25 30
TIOGA
BRADFORD
SUSQUEHANNA
WAYNE
SULLIVAN
WYOMING
LACKAWANNA
LYCOMING
PIKE
UNION
SNYDER
NORTHUMBERLAND
COLUMBIA
LUZERNE
MONROE
CARBON
NORTHAMPTON
LEHIGH
BUCKS
MONTGOMERY
PHILADELPHIA
DELAWARE
CHESTER
LANCASTER
YORK
ADAMS
CUMBERLAND
PERRY
DAUPHIN
LEBANON
BERKS
MONTOUR
SCHUYLKILL
HUNTERDON
WARREN
SUSSEX
MORRIS
MERCER
CAMDEN
GLOUCESTER
ATLANTIC
CUMBERLAND
SALEM
CECIL
HARFORD
BALTIMORE
FREDERICK
CARROLL
KENT
DEL.
NEW CASTLE
Binghamton
Elmira
Scranton
Wilkes Barre
Williamsport
Reading
Lancaster
Harrisburg
Allentown
Easton
Trenton
Camden
Wilmington
Baltimore
Philadelphia


VIRGINIA, WEST VIRGINIA, MARYLAND & DELAWARE
SCALE OF MILES
5 10 20 30 40 50
Longitude West from Greenwich
82
80
78
76
40
38
36
96
5 West
3
1
East 1
Longitude from Washington
WEST VIRGINIA
VIRGINIA
PENNSYLVANIA
MARYLAND
DELAWARE
TENN.
NORTH CAROLINA
Pittsburgh
Philadelphia
Baltimore
Washington
Wheeling
Marietta
Parkersburg
Charleston
Huntington
Bluefield
Lewisburg
Gauley Bridge
Point Pleasant
Ravenswood
Clarksburg
Fairmont
Morgantown
Grafton
Martinsburg
Harpers Ferry
Cumberland
Hagerstown
Frederick
Gettysburg
Chambersburg
Carlisle
Harrisburg
Lancaster
Reading
Pottsville
Scranton
Wilkesbarre
Allentown
Easton
Trenton
Camden
Wilmington
Dover
Norfolk
Richmond
Petersburg
Lynchburg
Roanoke
Bristol
Abingdon
Wytheville
Pulaski
Radford
Blacksburg
Christiansburg
Staunton
Winchester
Front Royal
Culpeper
Fredericksburg
Alexandria
Manassas
Leesburg
Warrenton
Charlottesville
Orange
Gordonsville
Louisa
Fredericksburg
Williamsburg
Yorktown
Newport News
Hampton
Portsmouth
Suffolk
Chesapeake
Virginia Beach
Accomack
Northampton
Kanawha
Putnam
Mason
Jackson
Roane
Calhoun
Gilmer
Braxton
Webster
Nicholas
Fayette
Raleigh
Wyoming
McDowell
Mercer
Monroe
Greenbrier
Pocahontas
Randolph
Barbour
Upshur
Lewis
Harrison
Doddridge
Ritchie
Wood
Wirt
Wetzel
Marion
Monongalia
Preston
Taylor
Tucker
Pendleton
Hardy
Grant
Hampshire
Morgan
Berkeley
Jefferson
Clarke
Frederick
Shenandoah
Page
Rockingham
Augusta
Highland
Bath
Alleghany
Rockbridge
Amherst
Buckingham
Cumberland
Powhatan
Chesterfield
Henrico
Hanover
King William
King and Queen
Essex
Caroline
Spotsylvania
Stafford
Prince William
Fairfax
Loudoun
Fauquier
Culpeper
Madison
Orange
Albemarle
Fluvanna
Goochland
Louisa
Nelson
Amherst
Appomattox
Campbell
Bedford
Franklin
Pittsylvania
Halifax
Charlotte
Lunenburg
Mecklenburg
Brunswick
Prince Edward
Nottoway
Dinwiddie
Prince George
Surry
Sussex
Isle of Wight
Southampton
Greensville
Brooke
Hancock
Ohio
Marshall
Wetzel
Tyler
Pleasants
Wood
Jackson
Mason
Cabell
Wayne
Lincoln
Logan
Boone
Clay
Nicholas
Webster
Braxton
Gilmer
Calhoun
Roane
Jackson
Wirt
Ritchie
Doddridge
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Barbour
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Upshur
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Pocahontas
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Summers
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Braxton
Gilmer
Calhoun
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Jackson
Mason
Putnam
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Boone
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Wyoming
McDowell
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Monroe
Greenbrier
Pocahontas
Randolph
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Hardy
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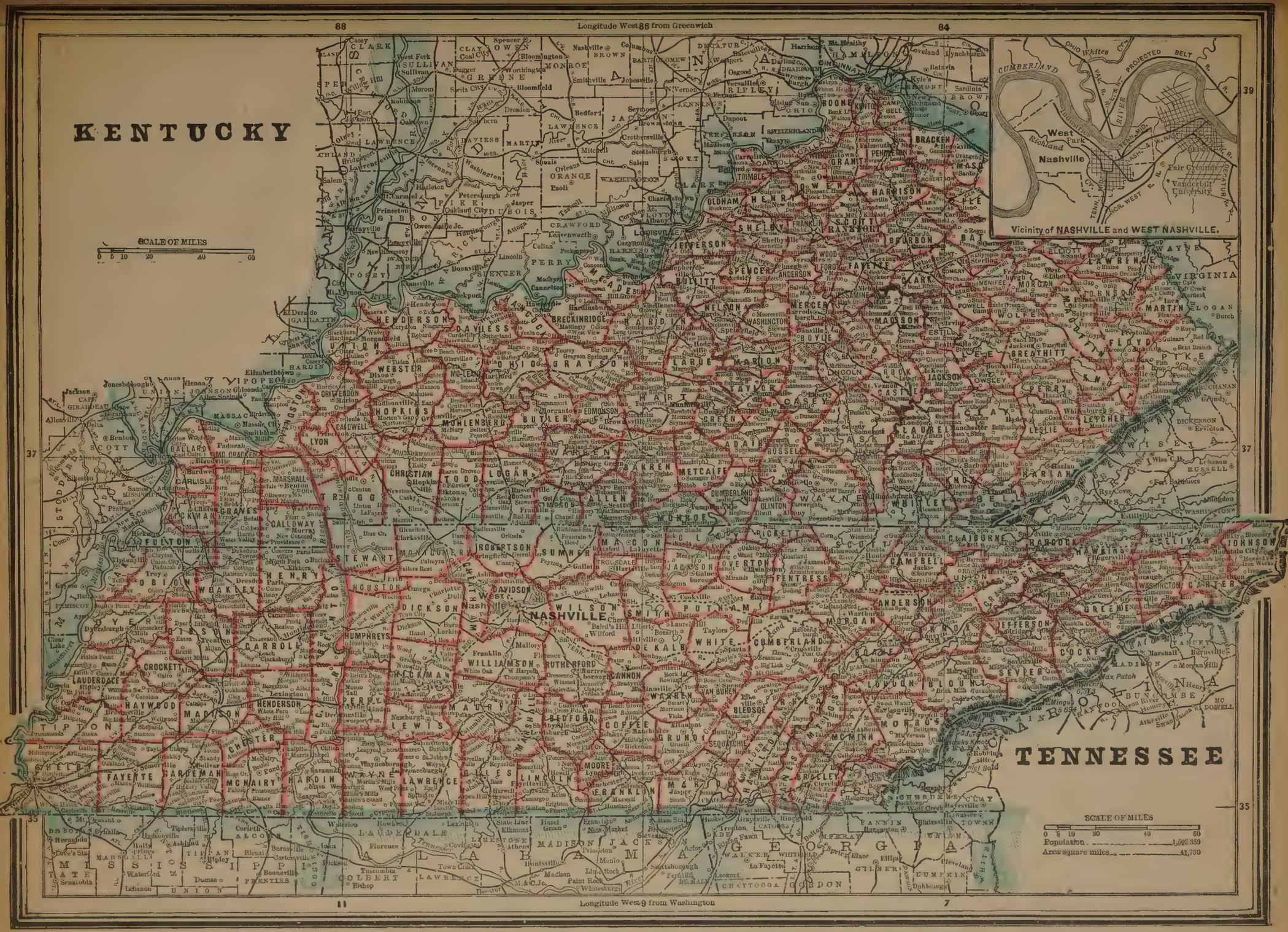
Hampshire
Morgan
Berkeley
Jefferson
Clarke
Frederick
Shenandoah
Page
Rockingham
Augusta
Highland
Bath
Alleghany
Rockbridge
Amherst
Buckingham
Cumberland
Powhatan
Chesterfield
Henrico
Hanover
King William
King and Queen
Essex
Caroline
Spotsylvania
Stafford
Prince William
Fairfax
Loudoun
Fauquier
Culpeper
Madison
Orange
Albemarle
Fluvanna
Goochland
Louisa
Nelson
Amherst
Appomattox
Campbell
Bedford
Franklin
Pittsylvania
Halifax
Charlotte
Lunenburg
Mecklenburg
Brunswick
Prince Edward
Nottoway
Dinwiddie
Prince George
Surry
Sussex
Isle of Wight
Southampton
Greensville


KENTUCKY
TENNESSEE
Longitude West 86 from Greenwich
Longitude West 9 from Washington
88
84
11
7
39
37
35
SCALE OF MILES
0 5 10 20 40 60
Vicinity of NASHVILLE and WEST NASHVILLE.
Ohio Whites Cr.
CUMBERLAND
PROJECTED BELT R.R.
RIVER
Radnor
West Nashville
Richland
Nashville
Fair Grounds
Vanderbilt University
TENN. & N. W. R.R.
NASH. & N. W. R.R.
NASH. & CHAT. R.R.
SCALE OF MILES
0 5 10 20 40 60
Population 1,502 359
Area square miles 41,750

OHIO
MICHIGAN
INDIANA
KENTUCKY
WEST VIRGINIA
PENNSYLVANIA
LAKE ERIE
83 Longitude West from Greenwich
Longitude West from Washington
SCALE OF MILES
0 5 10 20 30

INDIANA
Longitude West from Greenwich
Longitude West from Washington
CHICAGO
LAKE MICHIGAN
MICHIGAN
OHIO
ILLINOIS
KENTUCKY
SCALE OF STATUTE MILES.
0 5 10 20 30 40
LAKE
PORTER
LA PORTE
ST. JOSEPH
ELKHART
LAGRANGE
STEUBEN
NOBLE
DE KALB
STARKE
MARSHALL
KOSCIUSKO
WHITLEY
NEWTON
JASPER
PULASKI
FULTON
WABASH
HUNTINGTON
WELLS
ADAMS
JAY
BENTON
WHITE
CARROLL
MIAMI
CASS
GRANT
BLACKFORD
WARREN
TIPPECANOE
HOWARD
TIPTON
DELAWARE
RANDOLPH
FOUNTAIN
MONTGOMERY
CLINTON
MADISON
HENRY
WAYNE
PARKE
PUTNAM
HENDRICKS
MARION
HANCOCK
VERMILLION
VIGO
CLAY
OWEN
MORGAN
JOHNSON
SHELBY
RUSH
FAYETTE
UNION
SULLIVAN
GREENE
MONROE
BROWN
BARTHOLOMEW
DECATUR
FRANKLIN
DEARBORN
KNOX
DAVIESS
MARTIN
LAWRENCE
JACKSON
JENNINGS
RIPLEY
OHIO
GIBSON
POSEY
VANDERBURGH
WARRICK
SPENCER
PERRY
CRAWFORD
ORANGE
WASHINGTON
JEFFERSON
SWITZERLAND
DUBOIS
PIKE
CLARK
FLOYD
HARRISON
Chicago
Gary
Hammond
Whiting
East Chicago
Michigan City
La Porte
South Bend
Mishawaka
Elkhart
Goshen
Plymouth
Rochester
Peru
Logansport
Kokomo
Marion
Huntington
Wabash
Decatur
Bluffton
Portland
Hartford City
Muncie
Anderson
Richmond
New Castle
Connersville
Greensburg
Rushville
Shelbyville
Indianapolis
Terre Haute
Greencastle
Crawfordsville
Lafayette
Frankfort
Kokomo
Logansport
Peru
Wabash
Huntington
Fort Wayne
Auburn
Angola
Hillsdale
Coldwater
Sturgis
Three Rivers
Kendallville
Goshen
Warsaw
Columbia City
Wabash
Huntington
Bluffton
Portland
Decatur
Berne
Monroe
Geneva
Celina
Van Wert
Paulding
Defiance
Bryan
Edgerton
Montpelier
Hicksville
Delaware Bend
Antwerp
Woodburn
Harlan
Fayette
Pioneer
Ontario
South Camden
Jamestown
Fremont
Lisle
Naperville
Aurora
Joliet
Lockport
Thornton
Hinsdale
Lemont
Chicago Heights
Kankakee
Momence
Gardner
Union Hill
Buckingham
St. Anne
Essex
Wilmington
Crown Point
Valparaiso
Porter
Chesterton
Hobart
Gary
Hammond
Whiting
East Chicago
Michigan City
La Porte
Westville
Kingsbury
Wanatah
Hanna
Kouts
Valparaiso
Wheeler
Portage
Chesterton
Dyer
Schererville
Munster
Highland
Griffith
Lowell
Cedar Lake
Hebron
Crown Point
Merrillville
Winfield
Lake Village
Kankakee
Momence
Union Hill
Otto
Buckingham
St. Anne
Martinton
Clifton
Kempton Jc.
Chatsworth
Watseka
Woodland
Roberts
Melvin
Buckley
Loda
Wellington
Paxton
Hoopeston
Gibson City
Rankin
Penfield
Rantoul
Potomac
Champaign
Ogden
Sidney
Fairmount
Presotum
Indianola
Tuscola
Murdock
Oakland
Isabel
Charleston
Fieldville
Clark Centre
Casey
Martinsville
Majority Pt.
Melrose
Hazel Dell
West York
Hunt's City
Trimble
Robinson
Newton
Willow Hill
Port Jackson
West Liberty
Crawfordsville
Olney
Bridgeport
Noble
Calhoun
West Salem
Lynn
Paton
Mt. Carmel
Browns
Albion
Grayville
Carmi
New Harmony
Wabash
Mt. Vernon
Rockport
Cannelton
Tell City
Troy
Don Juan
Gentryville
Boonville
Evansville
Newburgh
Yankeetown
Grand View
Oakland
Lake
Stevenson
Midway
Chandler
Kratzville
Springfield
Saltillo
Princeton
Oakland City
Arthur
Fort Gibson
Owensville
Patoka
Pike Haro
Petersburg
Spurgeon
Huntingburg
Jasper
Ireland
Haysville
Dubois
Celestine
Newton
Stewart
Pittsburg
Marengo
Milltown
Corydon
Leavenworth
Alton
Bridgeport
Depauw
Shepherdsville
Louisville
Anchorage
La Grange
Sulphur
Owenton
Corinth
Williams
Key West
Zion Sta.
Dry Ridge
Walton
Independence
Rising Sun
Lawrenceburg
Aurora
Cincinnati
Mt. Healthy
Boss
Trenton
Middletown
Hamilton
Germantown
Camden
Barnett
Eaton
West Alexandria
Dodson
Richmond
Centreville
Cambridge City
Milton
Arcanum
Versailles
Ansonia
Greenville
Spartanburg
Union City
Harrisville
Bartonia
Snow Hill
Rural
Macedonia
Cowan
Gordon
Lynn
Winchester
Albany
Muncie
Yorktown
Daleville
Anderson
Chesterfield
Elwood
Alexandria
Summitville
Frankton
Tipton
Windfall
Kokomo
Greentown
Russiaville
Jonesboro
Gas City
Marion
Upland
Fairmount
Matthews
Converse
Van Buren
Fort Wayne
Monroeville
Convoy
Middletown
Van Wert
Middle Pt.
Leslie
Celina
Earley
Moulton
Enterprise
Mercer
Cold Water
Minster
Burkettsville
Saxanders
Greenville
Arcanum
Dodson
Richmond
West Alexandria
Eaton
Barnett
Camden
Germantown
Middletown
Hamilton
Cincinnati
Mt. Healthy
Boss
Trenton
Rising Sun
Lawrenceburg
Aurora
Dillsboro
Sunman
Batesville
Greensburg
Rushville
Shelbyville
Franklin
Edinburgh
Columbus
Seymour
North Vernon
Madison
Hanover
Switzerland
Key West
Zion Sta.
Dry Ridge
Williams
Corinth
Owenton
Sulphur
La Grange
Louisville
Anchorage
Shelbyville
Depauw
Shepherdsville
Normandy
Smileytown
Mauckport
Corydon
Leavenworth
Alton
Bridgeport
Depauw
Shepherdsville
Louisville
Anchorage
La Grange
Sulphur
Owenton
Corinth
Williams
Key West
Zion Sta.
Dry Ridge
Walton
Independence

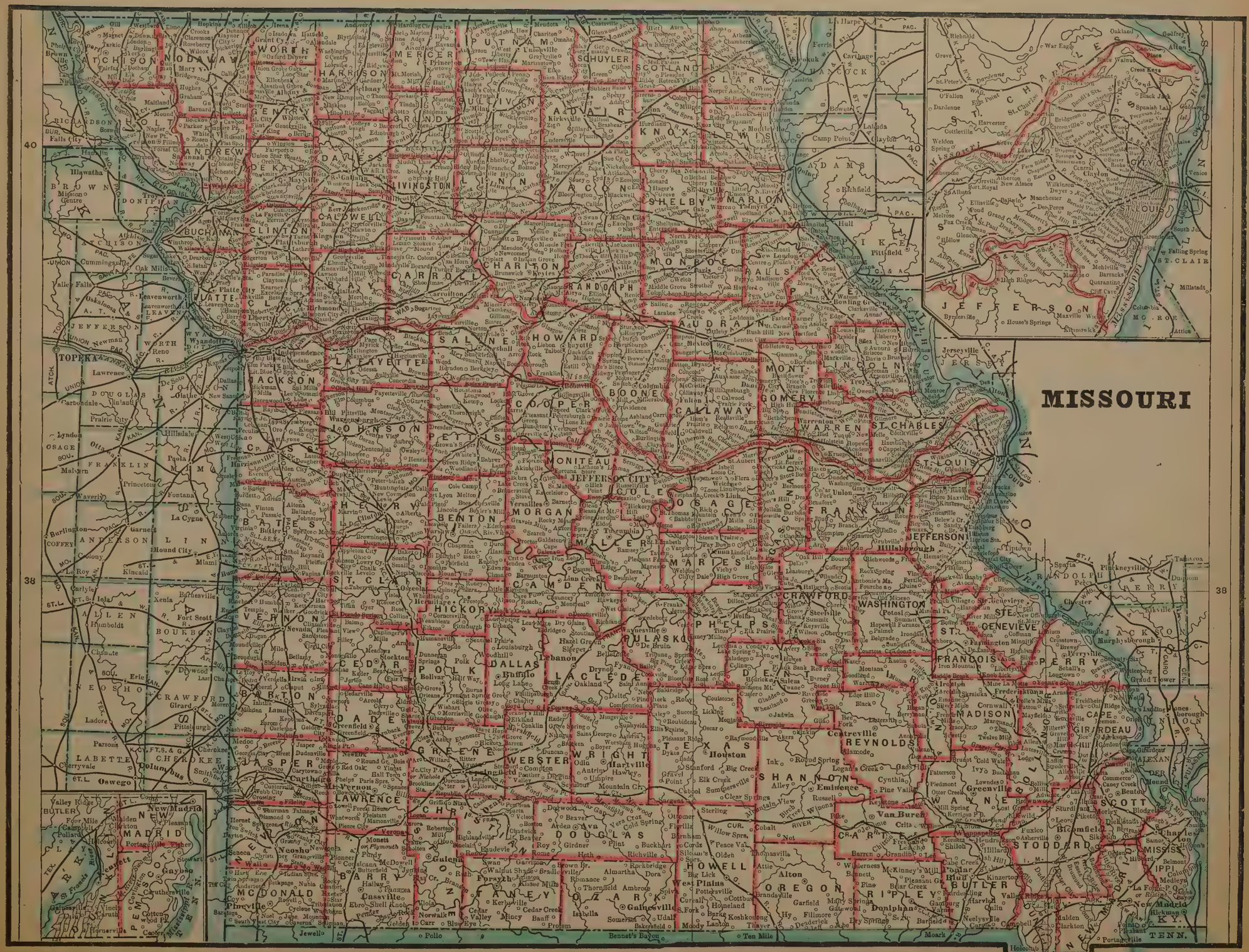
MICHIGAN
SCALE OF MILES
0 5 10 20 40 60
Population _____ 1,836,000
Area, sq miles _____ 57,430
Longitude West from Greenwich
88
86
84
46
44
42
Longitude West from Washington
11
9
7
SUPERIOR
MICHIGAN
HURON
ERIE
LAKE
INDIANA
OHIO
CANADIAN
Echo River
Bruce Mines
Blond River
NORTH PASSAGE
GRAND MANITOULIN
Sault de Ste. Marie
Grand Marais
Pictured Rocks
Munising
Marquette
Chocolay
Au Train
Rock River
Escanaba
Gladstone
Manistique
Newberry
Soo Junction
Pickford
Gaskin
Drummond Island
Rogers City
Crawford's Quarry
Presque Isle
Posen
Hillman
Alpena
Black River
Lake Huron
Thunder Bay
Thunder Bay Island
Middle Island
Bois Blanc Island
Mackinac Island
Mackinaw City
Cheboygan
Indian River
Wolverine
Petoskey
Harbor Springs
Charlevoix
Boyne Falls
Boyne City
Gaylord
Otsego Lake
Grayling
Frederic
Lake Michigan
Green Bay
Big Bay de Noc
Little Bay de Noc
Escanaba River
Menominee River
Menominee
Marinette
Peshtigo
Oconto
Oconto River
Sturgeon Bay
Door Peninsula
Green Bay
Kewaunee
Manitowoc
Two Rivers
Sheboygan
Port Washington
Milwaukee
Racine
Kenosha
Waukegan
Chicago
Wheaton
Naperville
Aurora
Mt. Forest
Elgin
Palatine
Wauconda
Highland Park
Lake Forest
Winnetka
Evanston
Wilmette
Glencoe
Northbrook
Deerfield
Des Plaines
Arlington Heights
Elk Grove
Schaumburg
Hoffman Estates
Barrington
Crystal Lake
Woodstock
Richmond
Wauconda
Antioch
Grayslake
Libertyville
Lake Zurich
Kenosha
Racine
Waukegan
Zion
Beach
Lake Michigan
Chicago
Gary
Hammond
East Chicago
Whiting
Michigan City
La Porte
Valparaiso
Hobart
Crown Point
Lowell
Dyer
Lake Station
Portage
Chesterton
Porter
Dunes State Park
Indiana Dunes
Miller
Beverly Shores

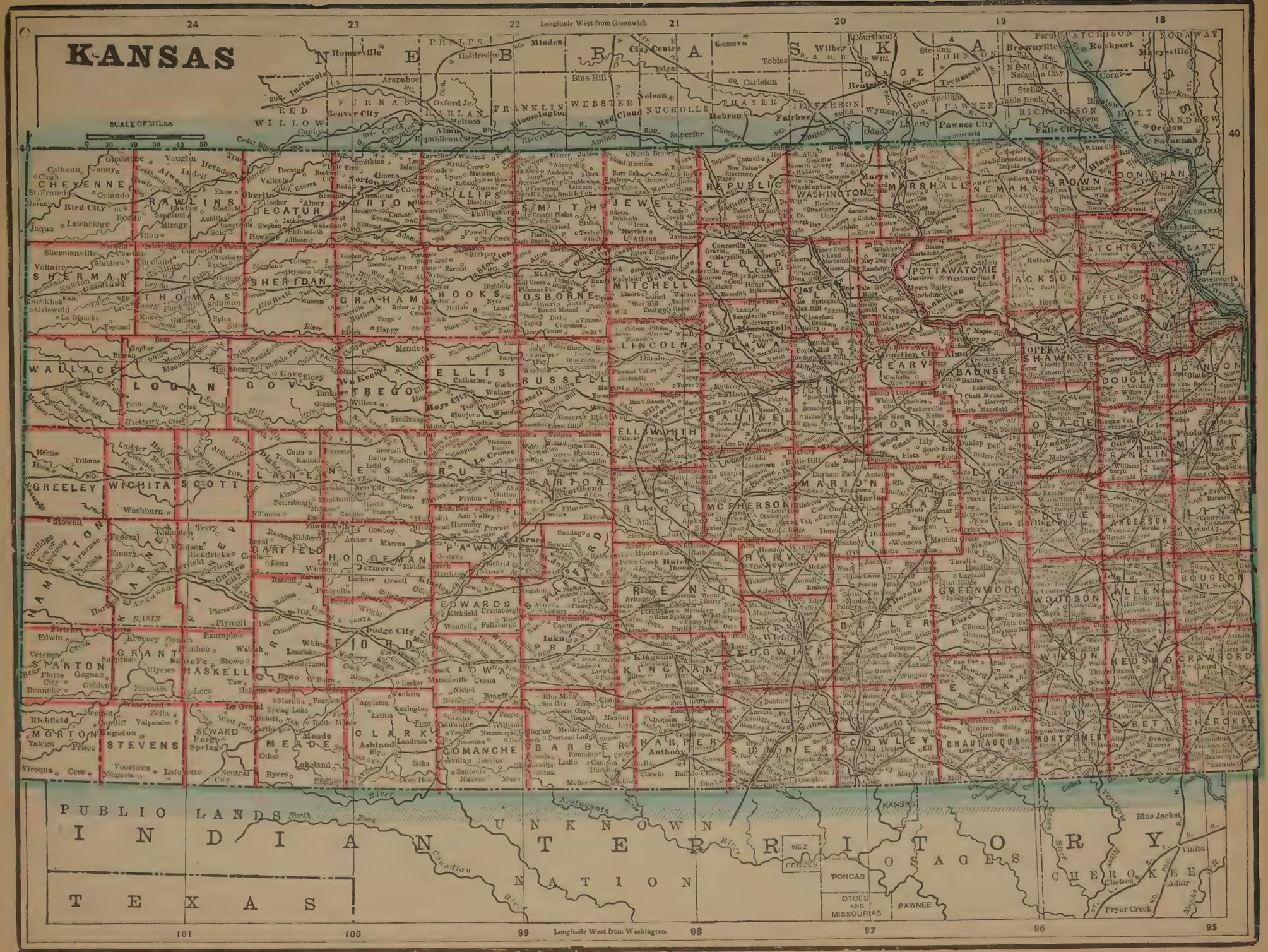
Longitude West 90 from Greenwich
92
88
LAKE SUPERIOR
LAKE MICHIGAN
WISCONSIN
DOUGLAS
BAYFIELD
ASHLAND
IRON
ONTONAGON
BARAGA
MARQUETTE
HOUGHTON
KEWEENAW
GOGEBIC
ONEIDA
VILAS
FLORENCE
FOREST
MARINETTE
OCONTO
MENOMINEE
DICKINSON
BURNETT
WASHBURN
SAWYER
PRICE
POLK
BARRON
ST CROIX
PIERCE
PEPIN
CHIPPEWA
TAYLOR
LINCOLN
LANGLADE
SHAWANO
CLARK
MARATHON
EAU CLAIRE
DUNN
BUFFALO
TREMPEALEAU
JACKSON
WOOD
PORTAGE
WAUPACA
OUTAGAMIE
MANITOWOC
KEWAUNEE
BROWN
LA CROSSE
MONROE
ADAMS
WAUSHARA
WINNEBAGO
CALUMET
VERNON
JUNEAU
RICHLAND
SAUK
COLUMBIA
DODGE
FOND DU LAC
SHEBOYGAN
CRAWFORD
GRANT
IOWA
DANE
JEFFERSON
WASHINGTON
OZAUKEE
MILWAUKEE
LAFAYETTE
GREEN
ROCK
WALWORTH
RACINE
KENOSHA
ILLINOIS
Duluth
Superior
Ashland
Hayward
Rhinelander
Wausau
Stevens Point
Wisconsin Rapids
Marshfield
Eau Claire
Chippewa Falls
Menomonie
Rice Lake
Hudson
New Richmond
River Falls
Prescott
Red Wing
Winona
La Crosse
Sparta
Tomah
Mauston
Portage
Baraboo
Reedsburg
Prairie du Chien
Dubuque
Galena
Platteville
Monroe
Beloit
Janesville
Whitewater
Fort Atkinson
Jefferson
Watertown
Oconomowoc
Waukesha
Milwaukee
Racine
Kenosha
Sheboygan
Manitowoc
Two Rivers
Kewaunee
Green Bay
Oconto
Marinette
Menominee
Iron River
Ironwood
Hurley
Rockland
Ontonagon
Houghton
Hancock
Calumet
Laurium
Copper Harbor
Eagle River
Florence
Crystal Falls
Iron Mountain
Escanaba
Manistique
Marquette
Negaunee
Ishpeming
Chicago
Rockford
Freeport
Dixon
Sterling
Aurora
Elgin
Waukegan
Lake Geneva
Harvard
Woodstock
Belvidere
Mt Carroll
Galena
Dubuque
Waterloo
Beaver Bay
Encampment Isl
Montezuma
Cloquet
Thompson
Barnum
Sturgeon Lake
Grantsburg
Pine City
Rock Cr
Rush Cy
Osceola Mills
Star Prairie
Somerset
Hudson
Prescott
Red Wing
Lake City
Wabasha
Alma
Mazeppa
Zumbro Falls
Rochester
Kasson
Eyota
Lewiston
Chatfield
Rushford
La Crescent
Hokah
Caledonia
Preston
Austin
Rainview
Winona
Trempealeau
Galesville
Independence
Whitehall
Arcadia
Blair
Osseo
Decorah
Waukon
Calmar
Charles City
Postville
New Hampton
Beulah
West Union
Clarkville
Sumner
Elkader
Lancaster
Platteville
Turkey River Jc.
Waterloo
Dubuque
Galena
Hanover
Scales Mound
Elizabeth
Warren
Freeport
Florence Sta.
Rockford
Belvidere
Byron
Davis Jc.
Oregon
Mt Carroll
Savanna
Fulton
Morrison
Sterling
Dixon
Eldena
Amboy
Lee
Shabbona
Somonauk
Sycamore
DeKalb
Malta
Steward
Geneva
Batavia
Naperville
Wheaton
Chicago
Evanston
Waukegan
Kenosha
Racine
Milwaukee
Waukesha
Oconomowoc
Watertown
Jefferson
Fort Atkinson
Whitewater
Janesville
Beloit
Rockton
Roscoe
Harvard
Woodstock
Richmond
Wauconda
Lake Forest
Highland Park
Glencoe
Winnetka
Wilmette
Evanston
Chicago
Michigan City
New Buffalo
Charlevoix
Petoskey
Harbor Springs
Cheboygan
Mackinaw City
St Ignace
Manistique
Escanaba
Gladstone
Menominee
Marinette
Peshtigo
Oconto
Pulaski
Shawano
Wausau
Merrill
Tomahawk
Rhinelander
Crandon
Florence
Iron River
Ironwood
Bessemer
Wakefield
Hurley
Ontonagon
Houghton
Hancock
Calumet
Laurium
Copper Harbor
Eagle River
Negaunee
Ishpeming
Marquette
Munising
Grand Marais
Au Train
Seney
Newberry
Sault Ste Marie
Pickford
Drummond Island
Manistique
Escanaba
Gladstone
Menominee
Marinette
Peshtigo
Oconto
Pulaski
Shawano
Wausau
Merrill
Tomahawk
Rhinelander
Crandon
Florence
Iron River
Ironwood
Bessemer
Wakefield
Hurley
Ontonagon
Houghton
Hancock
Calumet
Laurium
Copper Harbor
Eagle River
Negaunee
Ishpeming
Marquette
Munising
Grand Marais
Au Train
Seney
Newberry
Sault Ste Marie
Pickford
Drummond Island
WISCONSIN
SCALE OF MILES
0 5 10 20 40 60
Population _____ 1,563,243
Area, sq. miles _____ 54,450
Longitude West 13 from Washington
15
11
46
44
42

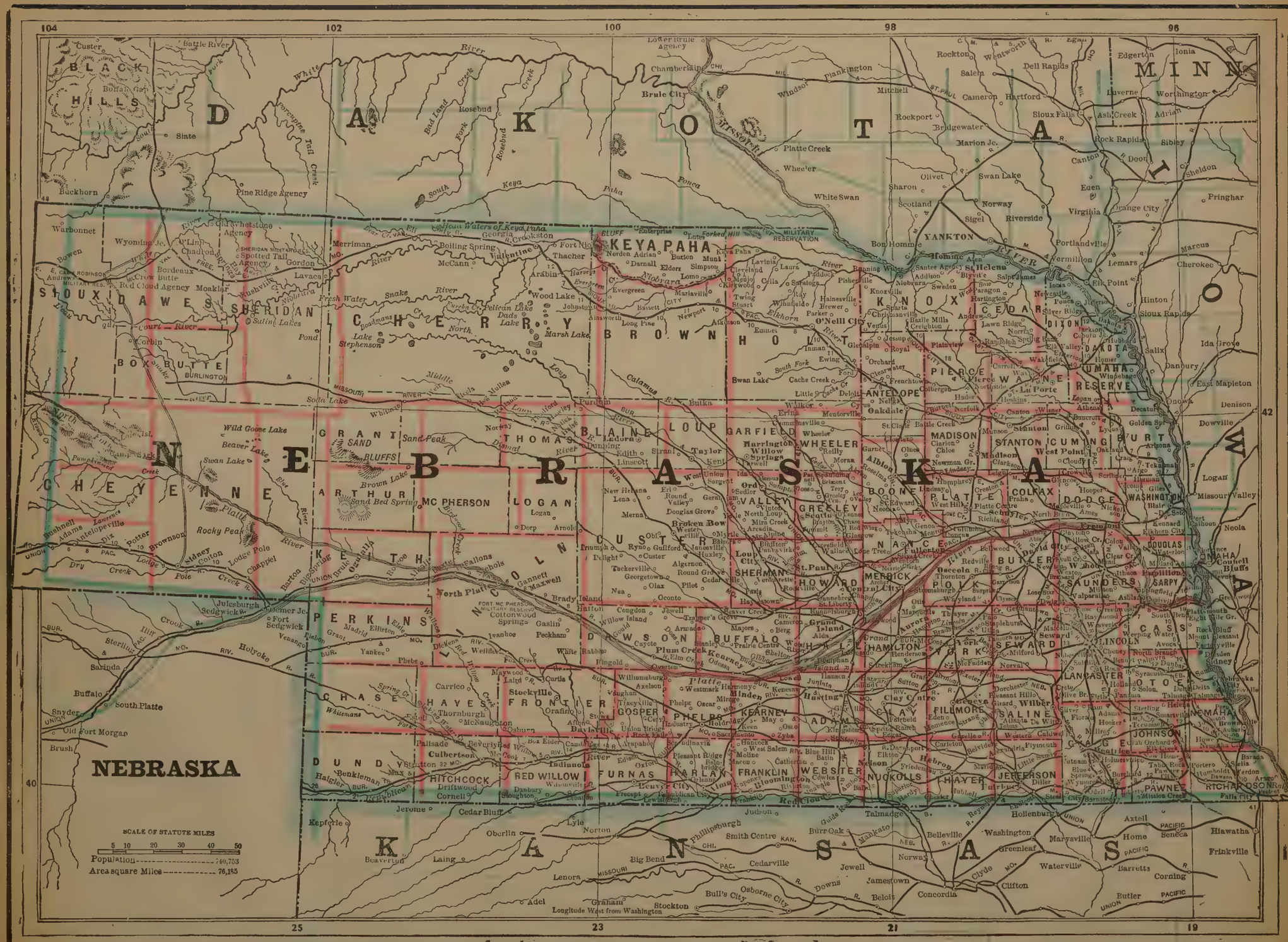
ILLINOIS
Longitude West from Greenwich
Longitude West from Washington
LAKE MICHIGAN
CHICAGO
Paducah
Evansville
Terre Haute
Springfield
Peoria
Rockford
Quincy
Alton
St. Louis
Cairo
Mississippi River
Ohio River
Missouri River
Wabash River
Illinois River
Kentucky
Indiana
Missouri
Iowa
Wisconsin
Michigan
Scale 5 10 20 30 40 50 60

IOWA
Longitude West from Greenwich
Longitude West from Washington
SCALE OF MILES
0 5 15 25 35
Population 1,753,980
Area sq. Miles 55,475
MINNESOTA
ILLINOIS
MISSOURI
NEBRASKA
DAKOTA
Mississippi
Missouri
Des Moines
Iowa
Boone
Raccoon
Nishnabotna
Little Sioux
Floyd
Cedar
Wapsipinicon
Maquoketa
Turkey
Upper Iowa
Yellow River
Prairie Du Chien
Bloomington
Woodman
Werley
Montfort Jc.
Cobb
Dodgeville
Mineral Pt.
Lancaster
Platteville
Calamine
Belmont
St. Rose
Shullsburg
Georgetown
Buncombe
Bell's Sta.
Guilford
Galena
Avery
Elizabeth
Elmdale
Rewey
Woodbury
Ida
Sac
Monona
Crawford
Carroll
Greene
Boone
Story
Marshall
Tama
Jones
Jackson
Dubuque
Buchanan
Delaware
Clayton
Fayette
Allamakee
Winneshiek
Howard
Mitchell
Chickasaw
Floyd
Cerro Gordo
Hancock
Winnebago
Worth
Kossuth
Emmet
Dickinson
Osceola
Lyon
Sioux
O'Brien
Clay
Palo Alto
Plymouth
Cherokee
Buena Vista
Pocahontas
Humboldt
Wright
Franklin
Butler
Bremer
Black Hawk
Grundy
Hamilton
Hardin
Webster
Harrison
Shelby
Audubon
Guthrie
Dallas
Polk
Jasper
Poweshiek
Iowa
Johnson
Cedar
Clinton
Scott
Muscatine
Louisa
Washington
Keokuk
Mahaska
Marion
Warren
Madison
Adair
Cass
Pottawattamie
Mills
Montgomery
Adams
Union
Clarke
Lucas
Monroe
Wapello
Jefferson
Henry
Des Moines
Lee
Fremont
Page
Taylor
Ringgold
Decatur
Wayne
Appanoose
Davis
Van Buren
Omaha
Council Bluffs
Nebraska City
Sioux City
Dubuque
Davenport
Burlington
Keokuk
Fort Madison
Quincy
Hannibal
Kansas City
Sioux Falls
Yankton
Minneapolis
St. Paul
Chicago
Milwaukee
Rock Island
Peoria
St. Louis
Omaha
Lincoln
Denver
Chicago, Milw. & St. P.
Chicago, Rock Island & Pac.
Chicago, Burl. & Quincy
Chicago & North Western
Illinois Central
Minneapolis & St. Louis
Wabash
Missouri Pacific
Union Pacific
Chicago, St. P. Minn. & Omaha

103


MISSOURI
104
40
38
ATCHISON
NODAWAY
WORTH
HARRISON
MERCER
PUTNAM
SCHUYLER
SCOTLAND
CLARK
GENTRY
GRUNDY
SULLIVAN
ADAIR
KNOX
LEWIS
ANDREW
DAVIESS
DEKALB
LIVINGSTON
MACON
SHELBY
MARION
RALLS
PIKE
BUCHANAN
CLINTON
CALDWELL
CARROLL
CHARITON
RANDOLPH
MONROE
AUDRAIN
PLATTE
CLAY
JACKSON
SALINE
HOWARD
LAFAYETTE
CALLAWAY
MONTGOMERY
LINCOLN
WARREN
ST. CHARLES
JOHNSON
COOPER
BOONE
PETTIS
MONITEAU
JEFFERSON CITY
COLE
OSAGE
FRANKLIN
HENRY
BENTON
MORGAN
MILLER
MARIES
JEFFERSON
ST. LOUIS
ST. CLAIR
CAMDEN
CRAWFORD
WASHINGTON
HICKORY
PHELPS
ST. GENEVIEVE
VERNON
DALLAS
PULASKI
FRANCOIS
BARTON
CEDAR
POLK
LACLEDE
PERRY
MADISON
CAPE GIRARDEAU
JASPER
GREENE
WEBSTER
WRIGHT
TEXAS
REYNOLDS
SHANNON
WAYNE
NEWTON
LAWRENCE
DOUGLAS
OZARK
HOWELL
OREGON
RIPLEY
BUTLER
STODDARD
SCOTT
MISSISSIPPI
MCDONALD
BARRY
STONE
TANEY
CHRISTIAN
DUNKLIN
PEMISCOT
NEW MADRID
MADRID
CHEROKEE
LABETTE
OSWEGO
MONTGOMERY
CHAUTAUQUA
ELK
WILSON
NEOSHO
ALLEN
ANDERSON
LINN
BOURBON
CRAWFORD
CHEROKEE
MCDONALD
BARRY
STONE
TANEY
CHRISTIAN
DUNKLIN
PEMISCOT
NEW MADRID
MADRID
ILLINOIS
KENTUCKY
TENN.
ARK.
OKLA.
KANSAS
NEBRASKA
IOWA
ILL.
KY.
TENN.
MISSISSIPPI
ARKANSAS
OKLAHOMA
KANSAS
NEBRASKA
IOWA
ILLINOIS
KENTUCKY
TENNESSEE


KANSAS
Longitude West from Greenwich
Longitude West from Washington
SCALE OF MILES
0 10 20 30 40 50
PUBLIC LANDS
INDIAN TERRITORY
UNKNOWN
NATION
TEXAS
KANSAS
NEBRASKA
PONCAS
OTOES AND MISSOURIAS
PAWNEE
OSAGES
NEZ PERCES
CHEROKEE
Nemaha
Brown
Doniphan
Marshall
Washington
Republic
Jewel
Smith
Phillips
Norton
Decatur
Rawlins
Cheyenne
Clay
Cloud
Mitchell
Osborne
Rooks
Graham
Sheridan
Thomas
Sherman
Wallace
Logan
Gove
Trego
Ellis
Russell
Lincoln
Ottawa
Pottawatomie
Jackson
Atchison
Jefferson
Leavenworth
Wyandotte
Johnson
Douglas
Shawnee
Osage
Lyon
Morris
Ellsworth
Saline
Dickinson
Marion
Chase
Coffey
Franklin
Anderson
Linn
Miami
Lane
Ness
Rush
Barton
Rice
McPherson
Harvey
Greenwood
Woodson
Allen
Bourbon
Scott
Wichita
Greeley
Hamilton
Kearney
Finney
Gray
Ford
Edwards
Pawnee
Hodgeman
Lane
Kiowa
Pratt
Kingman
Sedgwick
Butler
Elk
Wilson
Neosho
Crawford
Labette
Cherokee
Montgomery
Chautauqua
Cowley
Sumner
Harper
Barber
Comanche
Clark
Meade
Seward
Stevens
Morton
Stanton
Grant
Haskell


NEBRASKA
SOUTH DAKOTA
IOWA
KANSAS
MINN
BLACK HILLS
SIOUX
DAWES
SHERIDAN
BOX BUTTE
CHERRY
BROWN
KEYA PAHA
KNOX
CEDAR
DIXON
DAKOTA
DUNDY
CHASE
PERKINS
HAYES
HITCHCOCK
RED WILLOW
FURNAS
HARLAN
FRANKLIN
WEBSTER
NUCKOLLS
THAYER
JEFFERSON
FILLMORE
CLAY
ADAMS
KEARNEY
PHELPS
GOSPER
FRONTIER
GOVE
TREGO
ELLIS
ROOKS
OSBORNE
RUSSELL
LINCOLN
OTOE
JOHNSON
NEMAHA
PAWNEE
RICHARDSON
GAGE
LANCASTER
SALINE
SEWARD
YORK
POLK
BUTLER
SAUNDERS
SARPY
DOUGLAS
WASHINGTON
BURT
CUMING
STANTON
MADISON
PIERCE
WAYNE
DIXON
DAKOTA
CEDAR
KNOX
YANKTON
CLAY
FILLMORE
THURSTON
DODGE
COLFAX
PLATTE
BOONE
NANCE
MERRICK
HAMILTON
HOWARD
GREELEY
VALLEY
SHERMAN
BUFFALO
DAWSON
CUSTER
LOUP
GARFIELD
WHEELER
BLAINE
GRANT
THOMAS
LOGAN
MC PHERSON
ARTHUR
KEITH
CHEYENNE
DEUEL
KIMBALL
BANNER
SCOTTS BLUFF
MORRILL
GARDEN
SIOUX
DAWES
SHERIDAN
BOX BUTTE
CHERRY
BROWN
KEYA PAHA
ANTELOPE
BOYD
HOLT
ROCK
BROWN
KEYA PAHA
Missouri River
Niobrara River
Platte River
Republican River
Loup River
Elkhorn River
Big Blue River
Little Blue River
Republican River
Frenchman Creek
Red Willow Creek
Medicine Creek
Sappa Creek
Beaver Creek
Prairie Dog Creek
Arikaree River
Rock Creek
Turkey Creek
Pine Ridge Agency
Rosebud
Buckhorn
Custer
Hot Springs
Edgemont
Crawford
Harrison
Chadron
Gordon
Rushville
Hay Springs
Gordon
Merriman
Valentine
Cody
Thedford
Ainsworth
Long Pine
Bassett
Newport
Atkinson
O'Neill City
Ewing
Inman
Stuart
Ainsworth
Wood Lake
Johnstown
Simeon
Burwell
Ord
Arcadia
Loup City
Ashton
Sargent
Taylor
Ericson
Ansley
Arnold
Callaway
Broken Bow
Anselmo
Merna
Mullen
Thedford
Dunning
Brewster
Ansley
Arnold
Sargent
Ericson
Taylor
Loup City
Ord
Scotia
Greeley
Spalding
Genoa
Fullerton
Albion
Newman Grove
Madison
Norfolk
Battle Creek
Meadow Grove
Tilden
Neligh
Oakdale
Elgin
Clearwater
Ewing
Orchard
Page
Creighton
Niobrara
Verdigre
Center
Bloomfield
Wausa
Randolph
Wayne
Carroll
Hoskins
Winside
Wakefield
Concord
Dixon
Ponca
Hartington
Laurel
Wisner
Pilger
Stanton
Norfolk
Madison
Battle Creek
Tilden
Oakdale
Elgin
Neligh
Clearwater
Ewing
Inman
Atkinson
O'Neill City
Stuart
Ainsworth
Long Pine
Bassett
Newport

MINNESOTA
MANITOBA
ONTARIO
NORTH DAKOTA
SOUTH DAKOTA
IOWA
WISCONSIN
Longitude West from Greenwich
Longitude West from Washington
SCALE OF MILES
0 5 10 20 30 40 50
Population 780,773
Area sq. Miles 79,205
LAKE OF THE WOODS
COOK
LAKE
KITTSON
MARSHALL
POLK
NORMAN
RED LAKE
PENNINGTON
ROSEAU
BELTRAMI
HUBBARD
CASS
ITASCA
KOOCHICHING
LAKE OF THE WOODS
ST. LOUIS
LAKE
CLAY
BECKER
WADENA
AITKIN
CARLTON
COOK
OTTER TAIL
CROW WING
PINE
GRANT
DOUGLAS
TODD
MORRISON
MILLE LACS
KANABEC
TRAVERSE
STEVENS
POPE
STEARNS
SHERBURNE
SANTIAGO
CHISAGO
ANOKA
WASHINGTON
BIG STONE
SWIFT
WRIGHT
HENNEPIN
RAMSEY
LAC QUI PARLE
CHIPPEWA
KANDIYOHI
MEEKER
MCLEOD
CARVER
SCOTT
DAKOTA
GOODHUE
WABASHA
YELLOW MEDICINE
RENVILLE
SIBLEY
NICOLLET
LE SUEUR
RICE
LINCOLN
LYON
REDWOOD
BROWN
WATONWAN
BLUE EARTH
WASECA
STEELE
DODGE
OLMSTED
WINONA
PIPESTONE
MURRAY
COTTONWOOD
JACKSON
MARTIN
FARIBAULT
FREEBORN
MOWER
FILLMORE
HOUSTON
NOBLES
ROCK
Lake of the Woods
Rainy Lake
Rainy River
Red Lake
Lake Winnipeg
Lake Superior
Mississippi River
Red River
Minnesota River
St. Croix River
Big Stone Lake
Lake Traverse
Lake Pepin
Lake Mille Lacs
Leech Lake
Lake Winnibigoshish
Upper Red Lake
Lower Red Lake
Turtle Lake
Bemidji Lake
Thief Lake
Lake of the Woods
Rainy Lake
Lake Superior
Lake Mille Lacs
Lake Pepin
Big Stone Lake
Lake Traverse
Duluth
Minneapolis
St. Paul
Fargo
Moorhead
Grand Forks
Crookston
Thief River Falls
Bemidji
Brainerd
Little Falls
Staples
Wadena
Detroit City
Park Rapids
Walker
Hallock
Warren
Roseau
Baudette
International Falls
Virginia
Hibbing
Chisholm
Grand Rapids
Cass Lake
Red Lake Falls
Crookston
Fergus Falls
Alexandria
Morris
Benson
Willmar
Hutchinson
Glencoe
Litchfield
Montevideo
Granite Falls
Ortonville
Big Stone City
Watertown
Brookings
Redwood Falls
Marshall
Pipestone
Luverne
Worthington
Jackson
Fairmont
Albert Lea
Austin
Owatonna
Faribault
Northfield
Mankato
New Ulm
Winona
Rochester
Red Wing
Hastings
Stillwater
Anoka
Cambridge
Princeton
Milaca
Aitkin
Cloquet
Virginia
Hibbing
Chisholm
Grand Rapids
Two Harbors
Ely
Tower
Orr
Cook
Grand Marais
Beaver Bay
Silver Bay
Knife Lake
Hunter's Island
Vermilion Lake
Lake Vermilion
Sand Point Lake
Namakan Lake
Crane Lake
Rainy Lake
Kabetogama Lake
Voyageurs National Park
Boundary Waters Canoe Area
Superior National Forest
Chippewa National Forest
Red Lake Indian Reservation
Leech Lake Indian Reservation
Mille Lacs Indian Reservation
Fond du Lac Indian Reservation
Grand Portage Indian Reservation
Bois Forte Indian Reservation
Nett Lake Indian Reservation
White Earth Indian Reservation
Red Lake Indian Reservation
Prairie Island Indian Community
Shakopee Mdewakanton Sioux Community
Upper Sioux Community
Lower Sioux Community
Pipestone National Monument
Split Rock Lighthouse State Park
Gooseberry Falls State Park
Tettegouche State Park
Temperance River State Park
Cascade River State Park
Judge C. R. Magney State Park
Grand Portage State Park
Scenic State Park
Big Fork River
Rainy River
Little Fork River
Big Fork River
Vermilion River
Pine River
Crow Wing River
Redeye River
Long Prairie River
Leaf River
Wing River
Gull River
Pillager Creek
Shell River
Crow River
North Fork Crow River
South Fork Crow River
Buffalo River
Otter Tail River
Pelican River
Rice River
Elbow River
Marsh River
Wild Rice River
Red Lake River
Clearwater River
Lost River
Snake River
Two Rivers
Tamarac River
Middle River
Sandy River
Thief River
Black River
Roseau River
Rapid River
Winter Road River
Baudette River
Big Fork River
Rainy River
Little Fork River
Vermilion River
Pine River
Crow Wing River
Redeye River
Long Prairie River
Leaf River
Wing River
Gull River
Pillager Creek
Shell River
Crow River
North Fork Crow River
South Fork Crow River
Buffalo River
Otter Tail River
Pelican River
Rice River
Elbow River
Marsh River
Wild Rice River
Red Lake River
Clearwater River
Lost River
Snake River
Two Rivers
Tamarac River
Middle River
Sandy River
Thief River
Black River
Roseau River
Rapid River
Winter Road River
Baudette River

NORTH DAKOTA

Longitude West from Greenwich: 104, 103, 102, 101, 100, 99, 98, 97, 96

Longitude West from Washington: 27, 26, 25, 24, 23, 22, 21, 20

Latitude: 49, 48, 47, 46

NORTHWEST TERRITORY

SOURIS RIVER DISTRICT

MANITOBA

SASKATCHEWAN

PROVENCHER

SELKIRK

TURTLE MOUNTAINS

PEMBINA MOUNTAINS

RENVILLE

BOTTINEAU

ROLETTE

CAVALIER

PEMBINA

WARD

MOUNTRAIL

MCHENRY

PIERCE

RAMSEY

WALSH

GRAFTON

NELSON

GRAND FORKS

BUFORD

MISSOURI

WILLIAMS

DIVIDE

BURKE

FLANNERY

MCKENZIE

ALFRED WALLACE

MERCER

OLIVER

BURLEIGH

KIDDER

STUTSMAN

BENSON

EDDY

WELLS

FOSTER

GRIGGS

STEELE

TRAILL

PEMBINA

CASS

GARFIELD

STEVENS

CHURCH

SHERIDAN

MCLEAN

MORTON

LOGAN

MCINTOSH

DICKEY

LAMOURE

BARNES

STUTSMAN

JAMES

STARK

BILLINGS

GOLDEN VALLEY

SLOPE

HETTINGER

GRANT

SIOUX

EMMONS

BOREMAN

CAMPBELL

MCPHERSON

EDMUNDS

FAULK

SPINK

MARSHALL

ROBERTS

GRANT

DAY

CLARK

HAND

HYDE

POTTER

WALWORTH

DEWEY

REINHART

WAGNER

CHARLES MIX

BON HOMME

YANKTON

HUTCHINSON

TURNER

LINCOLN

UNION

CLAY

MINNEHAHA

LAKE

MOODY

BROOKINGS

KINGSBURY

BEADLE

SANBORN

MINER

AURORA

DAVISON

HANSON

MCCOOK

LAKE

MILLER

HAND

HYDE

SULLY

HUGHES

STANLEY

JONES

LYMAN

TRIPP

GREGORY

CHARLES MIX

DOUGLAS

BRULE

BUFFALO

HYDE

HAND

SULLY

HUGHES

STANLEY

JONES

LYMAN

TRIPP

GREGORY

CHARLES MIX

DOUGLAS

BRULE

BUFFALO

SCALE OF MILES

0 5 10 20 30 40 50

SOUTH DAKOTA

BISMARCK BURLEIGH KIDDER STUTSMAN BARNES

100 Longitude West from 99 Greenwich.

SCALE OF MILES. 0 5 10 20 30 40

MONTANA

WYOMING

MINNESOTA

NORTH DAKOTA

IOWA

NEBRASKA

Almont · Buchanan · Napoleon · Williamsport · Gayton · Hampton · Winchester · Emmonsburg · Westfield · Youngstown · Exter · Ashley · Coldwater · Russell · Dickey · Grand Rapids · Lisbon · Englevale · Valley Jc. · Sheldon · Owego · Manston · Colfax · Mooreton · Wahpeton · Brekenridge · Milnor · Monango · Ellendale · Silverleaf · Brampton · Havana · Kloeppel · Harlem · Great Bend · DeVillo · Fairmount · Tintah · Campbell · Doran · Barnesville · Davenport · Leonard · Ypsilanti · Monument Butte · Pommes Blanches Hills · Eagles Nest Hills · Cave Hills · Lodge Butte · Camp Creek · Nashville · Slim Buttes · Short Pine Hills · Mountain Sheep Buttes · Macy · Slave Butte · Riverdale · Owl Butte · Minnesela · Vale · Empire · Big Bottom · Deadwood · Sturgis · Fort Meade · Rochford · Buckhorn Mts. · Custer · Custer Peak · Black Hawk · Rapid City · Hermosa · Folsom · Buffalo Gap · Hot Springs · Smithville · Oelrichs · Maitland · Mathers · Pine Ridge Agency · Wounded Knee · Wayside · Bodare · Harrison · Andrews · Fort Robinson · Chadron · Crawford · Gordon · Sioux Co. · Adaton · Dakota Jc. · Hay Springs · Rushville · Sandoz · Box Butte · Box Butte Co. · Lawn · Brownlee · Midvale · Hammond · Ainsworth · Stafford · O'Neill · Emmett · Richmond · Mineola · Saratoga · Riverside · Cleveland · Cuba · Wright · Ray · Arabia · Wood Lake · Thacker · Springview · Simpson · Valentine · Irwin · Cody · Pekin · Southside · Niobrara · Verdigris · Bazile Mills · Creighton · Orient · Randolph · Plainview · Pierce · Carroll · Wayne · Wakefield · Dixon · Ponca · Harrington · Peoria · Centre Bow · Cedar · Coleridge · Concord · Jackson · Coburn · Dakota · Emerson · Thurston · Winnebago · Omaha · Decatur · Lyons · Oakland · Craig · Tekamah · Herman · Blair · Fort Calhoun · Florence · Irvington · Dodge · Fremont · Scribner · Hooper · Nickerson · Arlington · Kennard · Washington · Longitude West from 22 Washington.

Monument Butte · Les Belles Pierres Hills · Pommes Blanches Hills · Eagles Nest Hills · Cave Hills · Lodge Butte · Camp Creek · Nashville · Slim Buttes · Short Pine Hills · Mountain Sheep Buttes · Macy · Slave Butte · Riverdale · Owl Butte · Minnesela · Vale · Empire · Big Bottom · Deadwood · Sturgis · Fort Meade · Rochford · Buckhorn Mts. · Custer · Custer Peak · Black Hawk · Rapid City · Hermosa · Folsom · Buffalo Gap · Hot Springs · Smithville · Oelrichs · Maitland · Mathers · Pine Ridge Agency · Wounded Knee · Wayside · Bodare · Harrison · Andrews · Fort Robinson · Chadron · Crawford · Gordon · Sioux Co. · Adaton · Dakota Jc. · Hay Springs · Rushville · Sandoz · Box Butte · Box Butte Co. · Lawn · Brownlee · Midvale · Hammond · Ainsworth · Stafford · O'Neill · Emmett · Richmond · Mineola · Saratoga · Riverside · Cleveland · Cuba · Wright · Ray · Arabia · Wood Lake · Thacker · Springview · Simpson · Valentine · Irwin · Cody · Pekin · Southside · Niobrara · Verdigris · Bazile Mills · Creighton · Orient · Randolph · Plainview · Pierce · Carroll · Wayne · Wakefield · Dixon · Ponca · Harrington · Peoria · Centre Bow · Cedar · Coleridge · Concord · Jackson · Coburn · Dakota · Emerson · Thurston · Winnebago · Omaha · Decatur · Lyons · Oakland · Craig · Tekamah · Herman · Blair · Fort Calhoun · Florence · Irvington · Dodge · Fremont · Scribner · Hooper · Nickerson · Arlington · Kennard · Washington · Longitude West from 22 Washington.

Vanderbilt · La Grasse · Campbell · Gumbo Flats · Gale · Mound City · Applegate · Sutley · Sand Hills Flat · Eureka · Long Lake · Alpha · Arena · Leola · Hillsview · Fredrick · Columbus Lake · Delhi · Murray · Westport · Hecla · Santa Clara · Detroit · Houghton · Claremont · Columbia · Hayton · Newark · Kidder · Burch · Britton · Amherst · Spain · Fort Sisseton · Langford · Lake Traverse · White Rock · Herman · Browns Valley · Graceville · Ortonville · Big Stone · Big Stone Lake · Bull Head Lake · Wilmot · Hurricane Lk. · Summit · Prairie Lake · Setho · Strand · Lounsberry · Twin Brooks · Millbank · Marvin · Corona · Elmore · St. Joseph · Hoven · Roscoe · Faris · Ipswich · Orono · Bangor · Walworth · Smiley · Le Beau · Scranton · Theodore · Swan Lake · Vermont City · Cortland · Rudolph · Mansfield · Warner · Rondell · Aberdeen · Groton · Andover · Ferney · Vernon · Butler · Gros Lily · Chedi · Flerpoint · Roslyn · Lynn · Bristol · Waubay · Lake Traverse · Lake Kampeska · Watertown · Lake Kampeska · Lake Pelican · Lake Albert · Lake Poinsett · Lake Madison · Lake Herman · Lake Preston · Lake Thompson · Lake Henry · Lake Byron · Lake Alice · Lake Enemy Swim · Lake Norden · Lake Oakwood · Lake Campbell · Lake Cochrane · Lake Elsie · Lake Albert · Lake Sinai · Lake Benton · Lake Madison · Lake Herman · Lake Preston · Lake Thompson · Lake Henry · Lake Byron · Lake Alice · Lake Enemy Swim · Lake Norden · Lake Oakwood · Lake Campbell · Lake Cochrane · Lake Elsie · Lake Albert · Lake Sinai · Lake Benton

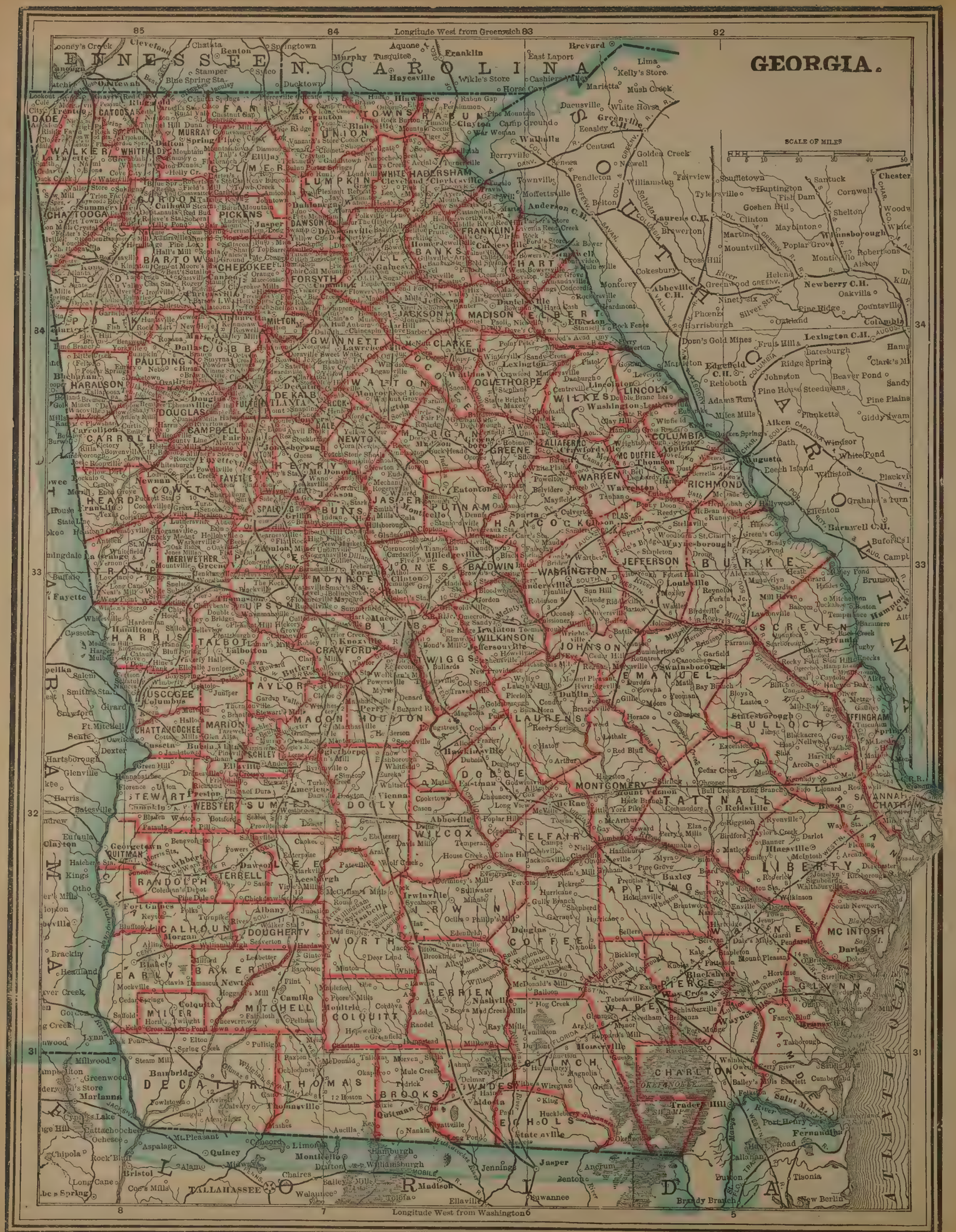
Grand Crossing · Saddle Butte · Marked Butte · Twin Buttes · Long Butte · Walworth · Smiley · Le Beau · Scranton · Theodore · Swan Lake · Vermont City · Cortland · Rudolph · Mansfield · Warner · Rondell · Aberdeen · Groton · Andover · Ferney · Vernon · Butler · Gros Lily · Chedi · Flerpoint · Roslyn · Lynn · Bristol · Waubay · Lake Traverse · Lake Kampeska · Watertown · Lake Kampeska · Lake Pelican · Lake Albert · Lake Poinsett · Lake Madison · Lake Herman · Lake Preston · Lake Thompson · Lake Henry · Lake Byron · Lake Alice · Lake Enemy Swim · Lake Norden · Lake Oakwood · Lake Campbell · Lake Cochrane · Lake Elsie · Lake Albert · Lake Sinai · Lake Benton

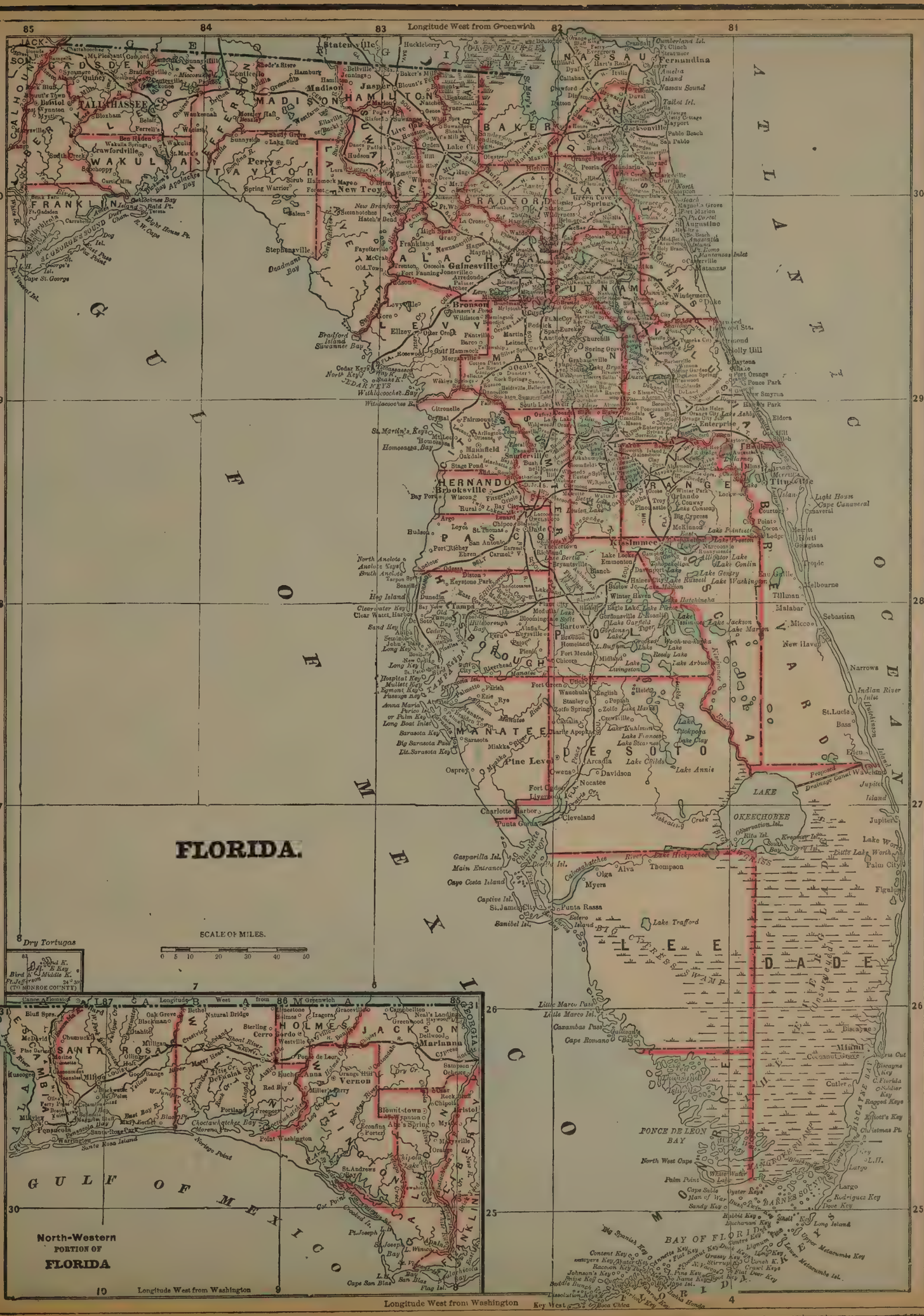
Rabbit Butte · Wagon Tent Butte · Thunder Butte · Flint Rock Butte · Sand Rock · Deers Ears · White Earth Mines · Virginia Butte · Owl Creek · Indian Cr. · Rattlesnake Cr. · Cherry Cr. · Fox Ridge · Artichoke Cr. · Artichoke Butte · Sully Butte · Sully Buttes · Ft. Sully · Ft. Sully Mil. Res. · Ft. Bennett · Stand on the Hill Butte · Grindstone Butte · Big Cheyenne River · Cheyenne River · Chantier Cr. · Antelope Cr. · Medicine Cr. · Crow Creek · Crow Creek Ind. Res. · Lower Brule Ind. Res. · Lake Sharpe · Big Bend Dam · Fort Thompson · Chamberlain · Kimball · Platte Lake · Pleasant Lake · Flyon · Robey · Canty · Stover · Ola · Red Lake · Floyd · Dijou Hills · Dunlap · Cayle · Rickwood · Gilbert · Fridheim · Colvin · Bairoside · Estella · Platte · Grand View · Armour · Bloomington · Jasper · Edgerton · Parkston · Hillside · Harrison · Beulah · Flora · Mitchell · Davison · Rockport · Emery · Old Ft. James · Bridgewater · Westford · Marion · Milltown · Parker · Freeman · Wittenberg · Olivet · Menno · Childstown · Tripp · Dante · Maxwell · Scotland · Norway · Scotland Jct. · Lesterville · Mayfield · Marindahl · Myrtle · Tyndall · Tabor · Hawleyjek · Bon Homme · Springfield · Yankton · Running Water · Wiegland · Niobrara · Lynn Cr. · Missouri R. · Missouri Valley · Missouri Ridge · Missouri Slope · Missouri Bottom · Missouri Flat · Missouri Creek · Missouri Cr. · Missouri Valley · Missouri Ridge · Missouri Slope · Missouri Bottom · Missouri Flat · Missouri Creek · Missouri Cr.

Lake Traverse · Big Stone Lake · Bull Head Lake · Lake Kampeska · Lake Pelican · Lake Albert · Lake Poinsett · Lake Madison · Lake Herman · Lake Preston · Lake Thompson · Lake Henry · Lake Byron · Lake Alice · Lake Enemy Swim · Lake Norden · Lake Oakwood · Lake Campbell · Lake Cochrane · Lake Elsie · Lake Albert · Lake Sinai · Lake Benton

NORTH CAROLINA
SOUTH CAROLINA
VIRGINIA
TENNESSEE
GEORGIA
ATLANTIC OCEAN
Longitude West from Greenwich
82
80
78
76
36
34
30
Longitude from Washington
5
West
2
1
0
East
SCALE OF MILES
0 5 10 20 30 40 50 60
Western Part of North Carolina
Wise C.H.
Lebanon C.H.
Tazewell C.H.
Abingdon C.H.
Bristol C.H.
Blountsville C.H.
Jonesborough C.H.
Elizabethton C.H.
Erwin C.H.
Taylorsville C.H.
Fordtown
Tennersville
Wytheville C.H.
Marion C.H.
Hillsville C.H.
Independence C.H.
Lambsburg
Newbern C.H.
Martin's St.
Max Meadows
Floyd C.H.
Patrick C.H.
Martinsville C.H.
Gogginsville
White Rock
Rocky Mount C.H.
Danville
Cascade
South Boston Depot
Clover Depot
Chatham C.H.
Halifax C.H.
Smithville C.H.
Nottoway C.H.
Dinwiddie C.H.
Keysville
Lunenburg C.H.
Yatesville
Lawrenceville C.H.
Hicksford C.H.
Boyaton C.H.
Sussex C.H.
Jerusalem C.H.
Smithfield
Isle of Wight C.H.
Portsmouth
Norfolk
Suffolk
Princess Anne C.H.
Hampton
Newport
Warwick C.H.
Curry C.H.
Currituck C.H.
Knott's Isl.
Roanoke Isl.
Cape Hatteras
Ocracoke Inlet
Core Sound
Pamlico Sound
Neuse R.
Cape Lookout
New Topsail Isl.
Cape Fear
Smithville
Federal Point
Smith's Island
Bald Head
Shallotte Inlet
Lockwood's Folly Inlet
Calabash
Little River
Myrtle Beach
Conway
Georgetown
Harper's
Plantersville
Andrews
Black Mingo
Kingstree
Indiantown
Port Harrelson
Nixonville
Bucksville
Lynchburg
Singletaryville
Johnsonville
Timmonsville
Florence
Darlington
Society Hill
Cheraw
Chesterfield
Pageland
Jefferson
Johnson City
Elizabethton
Watauga
Boone
Wilkesboro
Mitchell
Bakersville
Yancey
Burnsville
Madison
Marshall
Asheville
Buncombe
Henderson
Rutherfordton
Polk
Transylvania
Greenville
Spartanburg
Union
Chester C.H.
Lancaster C.H.
Laurens
Abbeville
Edgefield
Lincoln
Aiken
Columbia
Orangeburg
Charleston
Mount Pleasant
Sullivan's Island
Folly Island
Stono Inlet
Kiawah Island
Seabrook Island
Edisto Island
Beaufort
Port Royal
Hilton Head
Parris Island
Broad R.
Savannah R.
Tugaloo R.
Chattooga R.
Keowee R.
Seneca R.
Saluda R.
Catawba R.
Yadkin R.
Pee Dee R.
Lumber R.
Waccamaw L.
Lake Marion
Santee R.
Cooper R.
Ashley R.
Edisto R.
Combahee R.
Coosawhatchie R.
Tuckaseegee R.
Little Tennessee R.
Hiwassee R.
Nantahala R.
Cullowhee
Webster
Sylva
Dillsboro
Waynesville
Canton
Clyde
Asheville
Swannanoa R.
French Broad R.
Pigeon R.
Pigeon Valley
Ocona Luftee
Forks of Tennessee
Forks of Pigeon
Yellow Cr.
Robbinsville
Wilsonville
Scott's Creek
Webb's Mills
Cullasaja Balsam Gap
Wilkie's Store
Hamburg
Horse Cove
Cashiers
Highlands
Franklin
Macon
Jackson
Swain
Graham
Haywood
Transylvania
Henderson
Buncombe
Madison
Yancey
Mitchell
Avery
McDowell
Rutherford
Polk
Burke
Caldwell
Watauga
Ashe
Alleghany
Wilkes
Surry
Stokes
Rockingham
Caswell
Person
Granville
Vance
Warren
Halifax
Northampton
Hertford
Gates
Chowan
Perquimans
Pasquotank
Camden
Currituck
Dare
Tyrrell
Washington
Martin
Bertie
Edgecombe
Nash
Wilson
Greene
Lenoir
Pitt
Beaufort
Hyde
Craven
Pamlico
Jones
Carteret
Onslow
Duplin
Sampson
Wayne
Johnston
Wake
Franklin
Warren
Vance
Granville
Orange
Durham
Chatham
Lee
Harnett
Cumberland
Bladen
Pender
New Hanover
Brunswick
Columbus
Robeson
Scotland
Hoke
Moore
Montgomery
Randolph
Guilford
Alamance
Davidson
Davie
Forsyth
Yadkin
Iredell
Alexander
Catawba
Lincoln
Gaston
Cleveland
Rowan
Cabarrus
Stanly
Union
Anson
Richmond
Mecklenburg
Iredell
Statesville
Mooresville
Davidson
Thomasville
Lexington
Salisbury
Concord
Kannapolis
Gastonia
Dallas
Shelby
Rutherfordton
Spindale
Forest City
Columbus
Tryon
Hendersonville
Flat Rock
Brevard
Transylvania
Pisgah
Mount Mitchell
Black Mtn.
Swannanoa
Asheville
Biltmore
Weaverville
Marshall
Mars Hill
Burnsville
Spruce Pine
Newland
Linville
Grandfather Mtn.
Blowing Rock
Boone
Banner Elk
Beech Mtn.
Elk Knob
Bald Mtn.
Roan Mtn.
Elizabethton
Johnson City
Bristol
Abingdon
Damascus
Mount Rogers
Whitetop
Grayson
Independence
Sparta
Elkin
Jonesville
Yadkinville
Mocksville
Statesville
Troutman
Barium Springs
Harmony
Olin
Taylorsville
Hickory
Newton
Conover
Lincolnton
Cherryville
Kings Mtn.
Gastonia
Belmont
Mount Holly
Dallas
Bessemer City
Shelby
Lawndale
Forest City
Rutherfordton
Spindale
Mooresboro
Columbus
Tryon
Saluda

SOUTH CAROLINA
S.CAROLINA.
Longitude West from Greenwich
83
80
79
35
34
33
6
5
3
2
SPARTANBURG
YORK
CHESTER
LANCASTER
CHESTERFIELD
MARLBORO
DARLINGTON
FLORENCE
MARION
HORRY
GEORGETOWN
WILLIAMSBURG
KERSHAW
FAIRFIELD
NEWBERRY
LAURENS
GREENVILLE
PICKENS
ANDERSON
OCONEE
ABBEVILLE
EDGEFIELD
LEXINGTON
RICHLAND
SUMTER
CLARENDON
ORANGEBURG
AIKEN
AUGUSTA
BARNWELL
COLLETON
BERKELEY
CHARLESTON
HAMPTON
BEAUFORT
Greenville C.H.
Spartanburg C.H.
Pickens C.H.
Walhalla
Anderson C.H.
Laurens C.H.
Abbeville C.H.
Edgefield C.H.
Lexington C.H.
Newberry C.H.
Winnsboro
Camden
Lancaster C.H.
Chesterfield C.H.
Darlington C.H.
Marion C.H.
Conway
Georgetown
Kingstree
Sumter C.H.
Orangeburg C.H.
Aiken
Barnwell C.H.
Walterborough
Hampton C.H.
Beaufort
Charleston
Mt. Pleasant
Greenville
Spartanburg
Union
Yorkville
Chester C.H.
Lancaster C.H.
Chesterfield
Cheraw
Bennettsville
Marlboro
Darlington
Florence
Marion
Conway
Georgetown
Kingstree
Sumter
Orangeburg
Aiken
Barnwell
Walterborough
Hampton
Beaufort
Charleston
Mt. Pleasant
Greenwood
Abbeville
Edgefield
Lexington
Newberry
Winnsboro
Camden
Greenville C.H.
Spartanburg C.H.
Pickens C.H.
Walhalla
Anderson C.H.
Laurens C.H.
Abbeville C.H.
Edgefield C.H.
Lexington C.H.
Newberry C.H.
Lancaster C.H.
Chesterfield C.H.
Darlington C.H.
Marion C.H.
Sumter C.H.
Orangeburg C.H.
Barnwell C.H.
Hampton C.H.
Greenville
Spartanburg
Union
Yorkville
Chester
Lancaster
Chesterfield
Marlboro
Darlington
Florence
Marion
Horry
Georgetown
Williamsburg
Kershaw
Fairfield
Newberry
Laurens
Greenville
Pickens
Anderson
Oconee
Abbeville
Edgefield
Lexington
Richland
Sumter
Clarendon
Orangeburg
Aiken
Augusta
Barnwell
Colleton
Berkeley
Charleston
Hampton
Beaufort
Savannah
Atlantic Ocean
Pee Dee R.
Santee R.
Edisto R.
Broad R.
Saluda R.
Catawba R.
Savannah R.
Ashley R.
Cooper R.
Wateree R.
Congaree R.
Lynches R.
Waccamaw R.
Black R.
Little R.
Great Pedee R.
Yadkin R.
Tugaloo R.
Chattooga R.
Keowee R.
Seneca R.
Tyger R.
Enoree R.
Pacolet R.
Broad River
Saluda River
Catawba River
Wateree River
Congaree River
Santee River
Lynches River
Waccamaw River
Black River
Little River
Great Pedee River
Yadkin River
Tugaloo River
Chattooga River
Keowee River
Seneca River
Tyger River
Enoree River
Pacolet River
Savannah River
Ashley River
Cooper River
Edisto River


GEORGIA.
TENNESSEE
N. CAROLINA
S. CAROLINA
ALABAMA
FLORIDA
Longitude West from Greenwich
Longitude West from Washington
SCALE OF MILES
0 10 20 30 40 50
Cleveland
Chattanooga
Benton
Springtown
Aquone
Murphy
Tusquitee
Franklin
Brevard
East Laport
Lima
Kelly's Store
Hayesville
Wikle's Store
Cashiers Valley
Marietta
Mush Creek
Horse Cove
Dacusville
White Horse
Greenville
Easley
Pickens C.H.
Walhalla
Rerryville
Centred
Golden Creek
Newell
Pendleton
Williamston
Fairview
Southerlown
Sanctuck
Chester
Tylersville
Huntington
Fish Dam
Cornwall
Goshen Hill
Shelton
Clinton
Maybinton
Williamsburgh
Mountville
Poplar Grove
Laurens C.H.
Brewerton
Martins
Cokesbury
Abbeville C.H.
Greenwood
Ninety-six
Silver Street
Newberry C.H.
Oakville
Pine Ridge
Countsville
Oakland
Columbia
Lexington C.H.
Harrisburg
Dunn's Gold Mines
Fruit Hill
Batesburg
Edgefield C.H.
Rehoboth
Johnston
Beaver Pond
Pine House
Steedmans
Sandy
Adams Run
Pine Plains
Miles Mills
Pinnacles
Giddy Swam
Aiken
Windsor
White Pond
Augusta
Beech Island
Williston
Blackville
Graham's Turn
Ellenton
Barnwell C.H.
Buford's
Campt
Brunson
Hampton
Alt
Lawtonville
Bazemore
Rice Creek
Sylvania
Rocky Ford
Stoi Hills
Creeks
Hampton
Allen
Oliver
Metzger
Gulley
Effingham
Tuscahaw
Springfield
Guyton
Leesburg
Ebenezer
Savannah
Chatham
Wayne
Liberty
Darien
Sunbury
Newport
Blackbeard
Pierce
Ware
Waynesville
Brunswick
Fancy Bluff
Talbotboro
Charlton
Traders Hill
Saint Marys
Port Henry
Fernandina
Callahan
Tisonia
New Berlin
Brandy Branch
Tuscawilla
Jacksonville
Starke
Lake City
Live Oak
Suwannee
Jasper
Jennings
Ancrum
Zentone
Madison
Monticello
Quincy
Concord
Mt. Pleasant
Aspalaga
Chipola
Rock Bluff
Bristol
Alamo
Miccosukee
Tallahassee
Lake Iamonia
Lake Miccosukee
Lake Jackson
Lake Hall
Lake Bradford
Lake Ella
Lake Munson
Lake Lafayette
Lake Ocklawaha
Lake Orange
Lake Alachua
Lake Santa Fe
Lake Sampson
Lake Rowell
Lake Crosby
Lake Butler
Lake Sand
Lake Geneva
Lake Brooklyn
Lake Rochelle
Lake Hampton
Lake Newnans
Lake Wauberg
Lake Tarpon
Lake Istokpoga
Lake Kissimmee
Lake Tohopekaliga
Lake Cypress
Lake Hatchineha
Lake Gentry
Lake Weohyakapka
Lake Marion
Lake Pierce
Lake Reedy
Lake Arbuckle
Lake Jessup
Lake Monroe
Lake Harney
Lake Poinsett
Lake George
Lake Dexter
Lake Woodruff
Lake Disston
Lake Helen
Lake Winnemissett
Lake Beresford
Lake Dias
Lake Monroe
Lake Minnehaha
Lake Apopka
Lake Dora
Lake Eustis
Lake Griffin
Lake Yale
Lake Harris
Lake Louisa
Lake Minneola
Lake Hancock
Lake Parker
Lake Gibson
Lake Hollingsworth
Lake Bonny
Lake Alfred
Lake Ariana
Lake Thonotosassa
Lake Tarpon
Lake Seminole
Lake Maggiore
Lake Pinellas
Lake Tsala Apopka
Lake Panasoffkee
Lake Okahumpka
Lake Weir
Lake Kerr
Lake Orange
Lake Lochloosa


FLORIDA.
Longitude West from Greenwich
Longitude West from Washington
SCALE OF MILES.
0 5 10 20 30 40 50
North-Western PORTION OF FLORIDA
GULF OF MEXICO
ATLANTIC OCEAN
Tallahassee
Jacksonville
Pensacola
Key West
Gainesville
Tampa
Orlando
Miami
Apalachicola
Fernandina
Brooksville
Kissimmee
Punta Gorda
Fort Myers
Cape St. George
Cape Sable
Cape San Blas
Dry Tortugas
Lake Okeechobee
Everglades
Caloosahatchee River
Suwannee River
Withlacoochee River
Apalachicola River
Chattahoochee River
Escambia River
Choctawhatchee Bay
Pensacola Bay
Apalachee Bay
St. George Sound
Tampa Bay
Charlotte Harbor
Biscayne Bay
Florida Bay
Key Biscayne
Key Largo
Upper Matecumbe Key
Lower Matecumbe Key
Long Key
Indian River
Lake Worth
Jupiter
Palm City
Melbourne
Sebastian
Titusville
Cape Canaveral
Daytona
Ormond
Enterprise
Sanford
Eustis
Leesburg
Tavares
Ocala
Micco
Malabar
Tillman
Narrows
Bass
Ellen
Island
Lake Jackson
Lake Harney
Lake Monroe
Lake Apopka
Lake Kissimmee
Lake Tohopekaliga
Lake Hatchineha
Lake Okeechobee
Lake Trafford
Lake Hicpochee
Lake Istokpoga
Lake Annie
Lake Childs
Lake Arbuckle
Lake Winterhaven
Lake Eagle
Lake Pierce
Lake Gentry
Lake Russell
Lake Washington
Lake Conlin
Lake Poinsett
Lake Monroe
Lake Jackson
Lake Marion
Lake Garfield
Lake Hamilton
Lake Alfred
Lake Gordonia
Lake Parker
Lake Wales
Lake Hancock
Lake Buffum
Lake Ready
Lake Livingston
Lake Kissimmee
Lake Tohopekaliga
Lake Hatchineha
Lake Okeechobee
Lake Trafford
Lake Hicpochee
Lake Istokpoga
Lake Annie
Lake Childs
Lake Arbuckle
Lake Winterhaven
Lake Eagle
Lake Pierce
Lake Gentry
Lake Russell
Lake Washington
Lake Conlin
Lake Poinsett
Lake Monroe
Lake Jackson
Lake Marion
Lake Garfield
Lake Hamilton
Lake Alfred
Lake Gordonia
Lake Parker
Lake Wales
Lake Hancock
Lake Buffum
Lake Ready
Lake Livingston
Proposed Drainage Canal
Caloosahatchee River
Suwannee River
Withlacoochee River
Apalachicola River
Chattahoochee River
Escambia River
Choctawhatchee Bay
Pensacola Bay
Apalachee Bay
St. George Sound
Tampa Bay
Charlotte Harbor
Biscayne Bay
Florida Bay
Key Biscayne
Key Largo
Upper Matecumbe Key
Lower Matecumbe Key
Long Key
Indian River
Lake Worth
Jupiter
Palm City
Melbourne
Sebastian
Titusville
Cape Canaveral
Daytona
Ormond
Enterprise
Sanford
Eustis
Leesburg
Tavares
Ocala
Micco
Malabar
Tillman
Narrows
Bass
Ellen
Island
Lake Jackson
Lake Harney
Lake Monroe
Lake Apopka
Lake Kissimmee
Lake Tohopekaliga
Lake Hatchineha
Lake Okeechobee
Lake Trafford
Lake Hicpochee
Lake Istokpoga
Lake Annie
Lake Childs
Lake Arbuckle
Lake Winterhaven
Lake Eagle
Lake Pierce
Lake Gentry
Lake Russell
Lake Washington
Lake Conlin
Lake Poinsett
Lake Monroe
Lake Jackson
Lake Marion
Lake Garfield
Lake Hamilton
Lake Alfred
Lake Gordonia
Lake Parker
Lake Wales
Lake Hancock
Lake Buffum
Lake Ready
Lake Livingston
Proposed Drainage Canal
Caloosahatchee River
Suwannee River
Withlacoochee River
Apalachicola River
Chattahoochee River
Escambia River
Choctawhatchee Bay
Pensacola Bay
Apalachee Bay
St. George Sound
Tampa Bay
Charlotte Harbor
Biscayne Bay
Florida Bay
Key Biscayne
Key Largo
Upper Matecumbe Key
Lower Matecumbe Key
Long Key
Indian River
Lake Worth
Jupiter
Palm City
Melbourne
Sebastian
Titusville
Cape Canaveral
Daytona
Ormond
Enterprise
Sanford
Eustis
Leesburg
Tavares
Ocala
Micco
Malabar
Tillman
Narrows
Bass
Ellen
Island
Lake Jackson
Lake Harney
Lake Monroe
Lake Apopka
Lake Kissimmee
Lake Tohopekaliga
Lake Hatchineha
Lake Okeechobee
Lake Trafford
Lake Hicpochee
Lake Istokpoga
Lake Annie
Lake Childs
Lake Arbuckle
Lake Winterhaven
Lake Eagle
Lake Pierce
Lake Gentry
Lake Russell
Lake Washington
Lake Conlin
Lake Poinsett
Lake Monroe
Lake Jackson
Lake Marion
Lake Garfield
Lake Hamilton
Lake Alfred
Lake Gordonia
Lake Parker
Lake Wales
Lake Hancock
Lake Buffum
Lake Ready
Lake Livingston
Proposed Drainage Canal
Caloosahatchee River
Suwannee River
Withlacoochee River
Apalachicola River
Chattahoochee River
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Choctawhatchee Bay
Pensacola Bay
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Lake Okeechobee
Lake Trafford
Lake Hicpochee
Lake Istokpoga
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Lake Arbuckle
Lake Winterhaven
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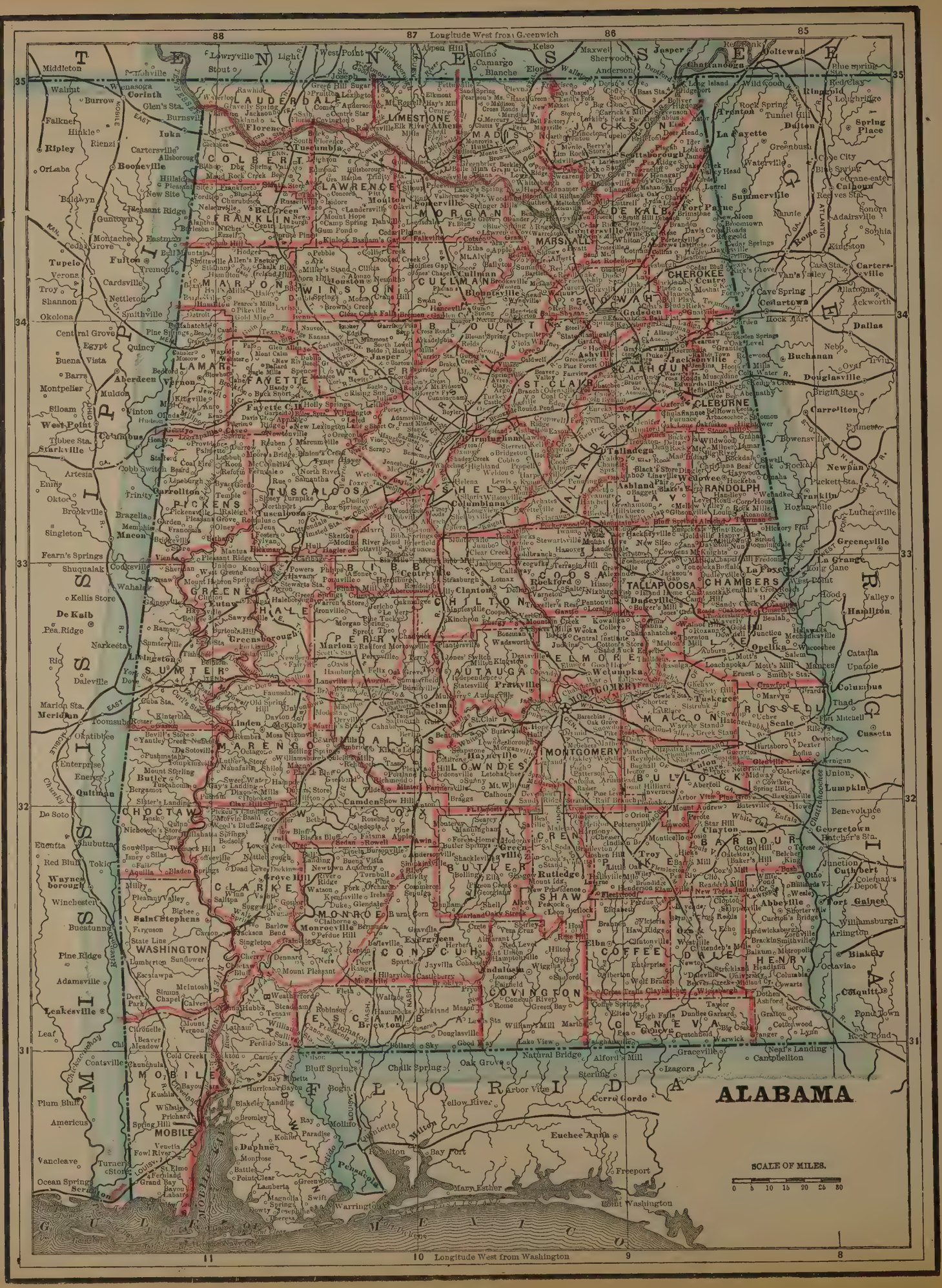
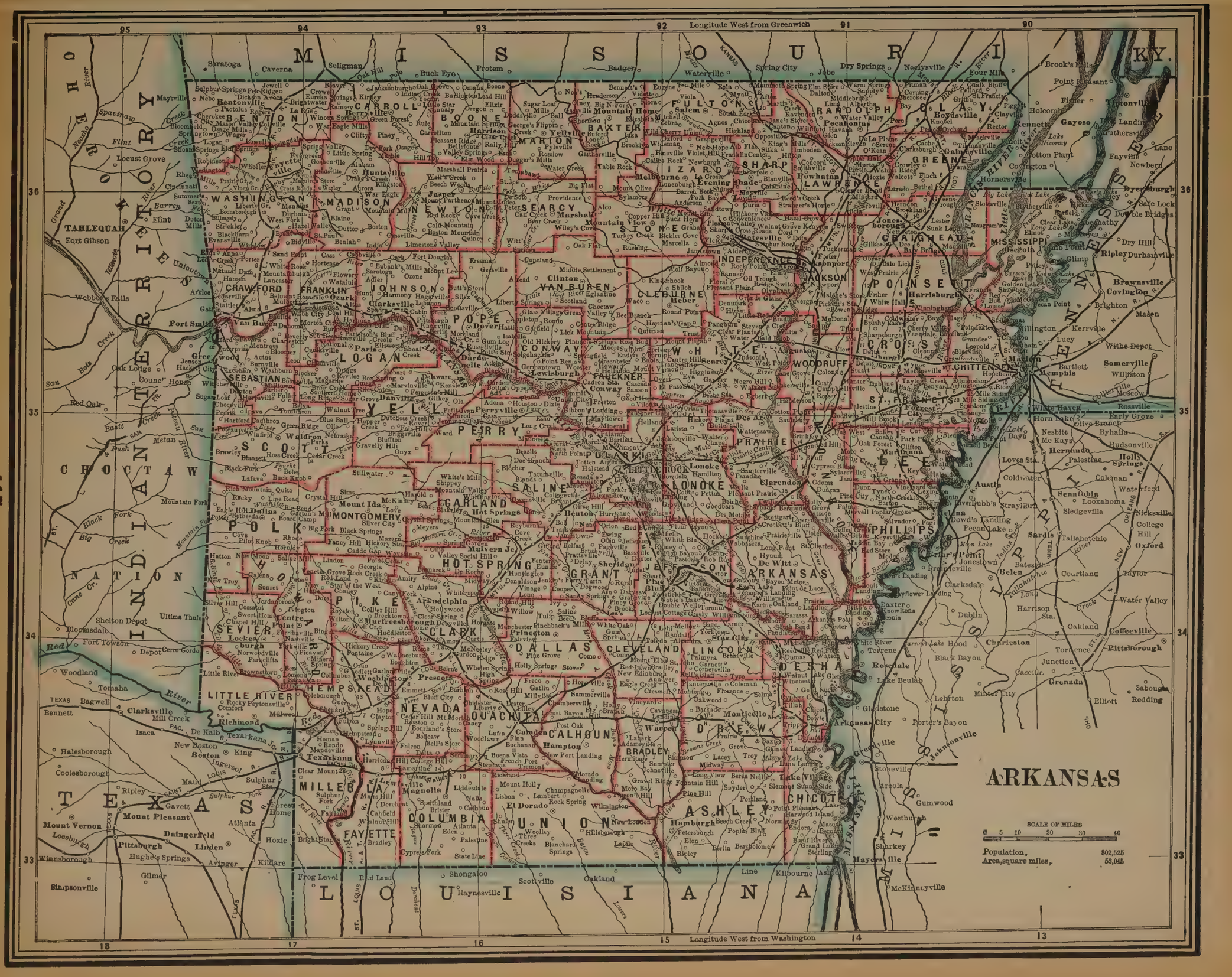
Lake Hancock
Lake Buffum
Lake Ready
Lake Livingston


ALABAMA
Longitude West from Greenwich
Longitude West from Washington
SCALE OF MILES.
0 5 10 15 20 25 30
TENNESSEE
MISSISSIPPI
GEORGIA
FLORIDA
GULF OF MEXICO
LAUDERDALE
LIMESTONE
MADISON
JACKSON
COLBERT
LAWRENCE
MORGAN
DE KALB
FRANKLIN
MARSHALL
CHEROKEE
MARION
WINSTON
CULLMAN
BLOUNT
ETOWAH
CALHOUN
LAMAR
FAYETTE
WALKER
ST CLAIR
CLEBURNE
RANDOLPH
TUSCALOOSA
SHELBY
TALLADEGA
CHAMBERS
PICKENS
BIBB
COOSA
TALLAPOOSA
GREENE
HALE
PERRY
CHILTON
MACON
SUMTER
MARENGO
DALLAS
AUTAUGA
MONTGOMERY
ELMORE
LOWNDES
BULLOCK
RUSSELL
CHOCTAW
CLARKE
WASHINGTON
MONROE
CONECUH
CRENSHAW
PIKE
BARBOUR
BUTLER
COVINGTON
COFFEE
DALE
HENRY
ESCAMBIA
GENEVA
MOBILE
BALDWIN
Tuscumbia
Florence
Athens
Huntsville
Decatur
Gadsden
Anniston
Talladega
Jasper
Birmingham
Tuscaloosa
Selma
Montgomery
Eufaula
Troy
Dothan
Opelika
Auburn
Tuskegee
Columbus
Demopolis
Greensboro
Marion
Uniontown
Camden
Monroeville
Evergreen
Andalusia
Brewton
Atmore
Mobile
Daphne
Fairhope
Bay Port
Pensacola
Warrington
Perdido Bay
Mobile Bay
Tensaw
Alabama River
Tombigbee River
Tennessee River
Coosa River
Tallapoosa River
Chattahoochee River
Black Warrior River
Cahaba River
Escambia River
Conecuh River
Yellow River
Perdido River
Pascagoula River
Mississippi Sound
Dauphin Island
Mobile Point
Fort Morgan
Fort Gaines
Fort Mitchell
Fort Payne
Fort Deposit
Fort Stoddert
Cape Florida
Cape Sable
Cape Romano
Cape Sable
Cape Florida

MISSISSIPPI
SCALE OF MILES
0 5 10 20 30 40
Longitude West from Greenwich
Longitude West from Washington
TENNESSEE
ALABAMA
LOUISIANA
ARKANSAS
MISSISSIPPI SOUND
GULF OF MEXICO
LAKE MAUREPAS
LAKE PONTCHARTRAIN
DE SOTO
TUNICA
TATE
PANOLA
COAHOMA
QUITMAN
TALLAHATCHIE
YALOBUSHA
GRENADA
CARROLL
MONTGOMERY
WEBSTER
CALHOUN
CHICKASAW
MONROE
BOLIVAR
SUNFLOWER
LEFLORE
HOLMES
ATTALA
WINSTON
NOXUBEE
WASHINGTON
SHARKEY
YAZOO
MADISON
LEAKE
NESHOBA
KEMPER
ISSAQUENA
WARREN
HINDS
RANKIN
SCOTT
NEWTON
LAUDERDALE
CLAIBORNE
JEFFERSON
COPIAH
SIMPSON
SMITH
JASPER
CLARKE
ADAMS
FRANKLIN
LINCOLN
LAWRENCE
JEFFERSON DAVIS
COVINGTON
JONES
WAYNE
WILKINSON
AMITE
PIKE
MARION
PERRY
GREENE
GEORGE
HARRISON
JACKSON
HANCOCK
Vicksburg
Jackson
Meridian
Natchez
Hattiesburg
Laurel
Gulfport
Biloxi
Pascagoula
Pearl River
Yazoo City
Greenville
Greenwood
Clarksdale
Tupelo
Corinth
Columbus
Starkville
Grenada
Oxford
Batesville
Helena
Memphis
Vicksburg
Natchez
Meridian
Hattiesburg
Laurel
Gulfport
Biloxi
Pascagoula
Mississippi City
Bay St. Louis
Pearl River
Yazoo City
Greenville
Greenwood
Clarksdale
Tupelo
Corinth
Columbus
Starkville
Grenada
Oxford
Batesville
Helena
Memphis

LOUISIANA
Longitude West from Greenwich
Longitude West from Washington
94
93
92
91
90
89
33
32
31
30
17
16
15
14
13
SCALE OF MILES
0 5 10 20 30 40
CLAIBORNE
UNION
MOREHOUSE
EAST CARROLL
WEBSTER
BOSSIER
CADDO
LINCOLN
OUACHITA
RICHLAND
MADISON
CARROLL
BIENVILLE
JACKSON
FRANKLIN
CALDWELL
TENSAS
DE SOTO
RED RIVER
WINN
NATCHITOCHES
CATAHOULA
GRANT
SABINE
CONCORDIA
AVOYELLES
RAPIDES
VERNON
WEST FELICIANA
EAST FELICIANA
POINTE COUPEE
WASHINGTON
SAINT TAMMANY
TANGIPAHOA
HELENA
AMITE
WILKINSON
ADAMS
FRANKLIN
LIVINGSTON
ST. HELENA
ST. TAMMANY
ST. LANDRY
CALCASIEU
ACADIA
VERMILLION
LAFAYETTE
ST. MARTIN
IBERIA
ST. MARY
ASSUMPTION
ST. JAMES
ST. JOHN BAPTIST
ST. CHARLES
JEFFERSON
ORLEANS
ST. BERNARD
PLAQUEMINES
LAFOURCHE
TERREBONNE
CAMERON
MISSISSIPPI
GULF OF MEXICO
Shreveport
Minden
Homer
Mansfield
Natchitoches
Alexandria
Opelousas
Lake Charles
Abbeville
New Iberia
Houma
Thibodaux
Donaldsonville
Baton Rouge
Port Allen
New Orleans
Vicksburg
Natchez
Jackson
Brookhaven
Hazlehurst
Monticello
Columbia
Magnolia
Liberty
Woodville
Fayette
Meadville
Bogue Chitto
McComb
Osyka
Amite City
Franklinton
Covington
Mandeville
Slidell
Bay St. Louis
Gulfport
Pass Christian
Biloxi
Pascagoula
Waveland
Scott
Gainesville
Riceville
Centre
Flint Creek
Plum Bluff
Leaksville
Augusta
Coatsville
Line Creek
Millwood
State Line
Ellisville
Williamsburg
Wayneboro
Winchester
Quitman
Paulding
Shubuta
Otho
Progression
Bethel
Jonesville
Taylorsville
Westville
Bridgeport
Hebron
Wesson
Harrisville
Raleigh
Clarborne
Montrose
Dobsonville
Cato Springs
Rolwells
Brandon
Pelahatchee Depot
Morton
Forest
Clinton
Tougaloo
Bolton's Depot
Edwards Depot
Vicksburg
Canton
Calhoun
Harpersville
Carthage
Way's Bluff
Woodbine
Yazoo City
Vaughan
Rolling Fork
Sallis
Goodman
Durant
Kosciusko
Tallulah
Delta
Lake Providence
Oak Ridge
Bastrop
Farmerville
Ruston
Homer
Minden
Shreveport


ARKANSAS
Longitude West from Greenwich
Longitude West from Washington
MISSOURI
KY.
TENN.
MISS.
OKLAHOMA
INDIAN TERRITORY
CHOCTAW NATION
TEXAS
LOUISIANA
Red River
Arkansas River
White River
Mississippi River
Saint Francis River
Ouachita River
Little Red River
Black River
Cache River
Boston Mountains
Ozark Mountains
Saratoga
Caverna
Seligman
Protem
Badger
Buck Eye
Waterville
Spring City
Jobe
Dry Springs
Newtysville
Four Mile
Brook's Mills
Point Pleasant
Fisher
Tiptonville
Holcomb
Gayoso
Kennett
Lake Nicomy
Cotton Plant
Fayetteville
Newbern
Covington
Hornersville
Byrdsburgh
Dry Hill
Ripley
Durhamville
Double Bridges
Safe Lock
Brownsville
Covington
Brighton
Masen
Kerrville
Withe Depot
Somerville
Williston
Memphis
Bartlett
Moscow
Rossville
Early Grove
Olive Branch
Byhalia
Hudsonville
Hernando
Holly Springs
Palestine
Coldwater
Senatobia
Looxahoma
Waterford
Sledgeville
Nicksville
College Hill
Oxford
Tallahatchie
Sardis
Courtland
Taylor
Water Valley
Harrison Sta.
Oakland
Coffeeville
Pittsborough
Charleston
Torrence
Junction
Cascilla
Grenada
Sabougla
Elliott
Redding
Minter City
Lehrton
Gladstone
Porter's Bayou
Johnsonville
Greenville
Stoneville
Argola
Gumwood
Westburgh
Sharkey
Mayersville
Kilbourne
Ashton
McKinneyville
Line
Lake Village
Chicot
Ashley
Hamburg
Beech Creek
Portland
Parkdale
Harwood Island
Masons
Bernice
Endora
Boyd River
Grand Lake
Bartholomew
Berlin
Ripley
Elon
Fetzersburgh
Lapile
Hillsborough
New London
Wilmington
Champagnolle
Moro Bay
Gravel Ridge
Fountain Hill
Pine Hill
Snyder
Portland
Lake Chicot
Point Pleasant

NEW MEXICO
TEXAS
EL PASO
HUDSPETH
CULBERSON
REEVES
LOVING
WARD
WINKLER
ECTOR
MIDLAND
GLASSCOCK
CRANE
UPTON
REAGAN
IRION
TOM GREEN
CONCHO
SCHLEICHER
CROCKETT
SUTTON
PECOS
TERRELL
BREWSTER
JEFF DAVIS
PRESIDIO
BROOKS
KENEDY
KINNEY
VAL VERDE
EDWARDS
REAL
MAVERICK
ZAVALA
FRIO
MEDINA
UVALDE
KERR
KIMBLE
MASON
MCCULLOCH
SAN SABA
MILLS
LAMPASAS
COMANCHE
BROWN
COLEMAN
RUNNELS
CONCHO
TOM GREEN
IRION
REAGAN
UPTON
MIDLAND
ECTOR
WINKLER
LOVING
WARD
CRANE
ANDREWS
MARTIN
HOWARD
MITCHELL
NOLAN
BORDEN
SCURRY
FISHER
KENT
STONEWALL
GARZA
LYNN
TERRY
YOAKUM
GAINES
DAWSON
LUBBOCK
CROSBY
DICKENS
KING
COCHRAN
HOCKLEY
LAMB
HALE
FLOYD
MOTLEY
COTTLE
HARDEMAN
WILBARGER
FOARD
KNOX
BAYLOR
ARCHER
CLAY
MONTAGUE
WICHITA
CLAY
YOUNG
JACK
WISE
DENTON
COOKE
GRAYSON
FANNIN
LAMAR
RED RIVER
BOWIE
CASS
MORRIS
TITUS
FRANKLIN
HOPKINS
HUNT
ROCKWALL
COLLIN
DALLAS
KAUFMAN
HENDERSON
ANDERSON
NAVARRO
ELLIS
TARRANT
JOHNSON
HILL
MCLENNAN
FALLS
BELL
CORYELL
LAMPASAS
MILAM
WILLIAMSON
BURNET
LLANO
BLANCO
GILLESPIE
KERR
KENDALL
BANDERA
KERR
GILLESPIE
BLANCO
HAYS
CALDWELL
BASTROP
LEE
FAYETTE
WASHINGTON
GRIMES
MONTGOMERY
WALKER
SAN JACINTO
POLK
TYLER
JASPER
NEWTON
ORANGE
HARDIN
LIBERTY
CHAMBERS
JEFFERSON
GALVESTON
BRAZORIA
MATAGORDA
WHARTON
COLORADO
AUSTIN
WALLER
HARRIS
FORT BEND
BRAZORIA
GALVESTON
JACKSON
VICTORIA
CALHOUN
REFUGIO
ARANSAS
SAN PATRICIO
NUECES
KLEBERG
KENEDY
WILLACY
CAMERON
HIDALGO
STARR
ZAPATA
WEBB
LA SALLE
MCMULLEN
LIVE OAK
BEE
GOLIAD
VICTORIA
DEWITT
LAVACA
GONZALES
CALDWELL
GUADALUPE
COMAL
BEXAR
WILSON
KARNES
DE WITT
GOLIAD
REFUGIO
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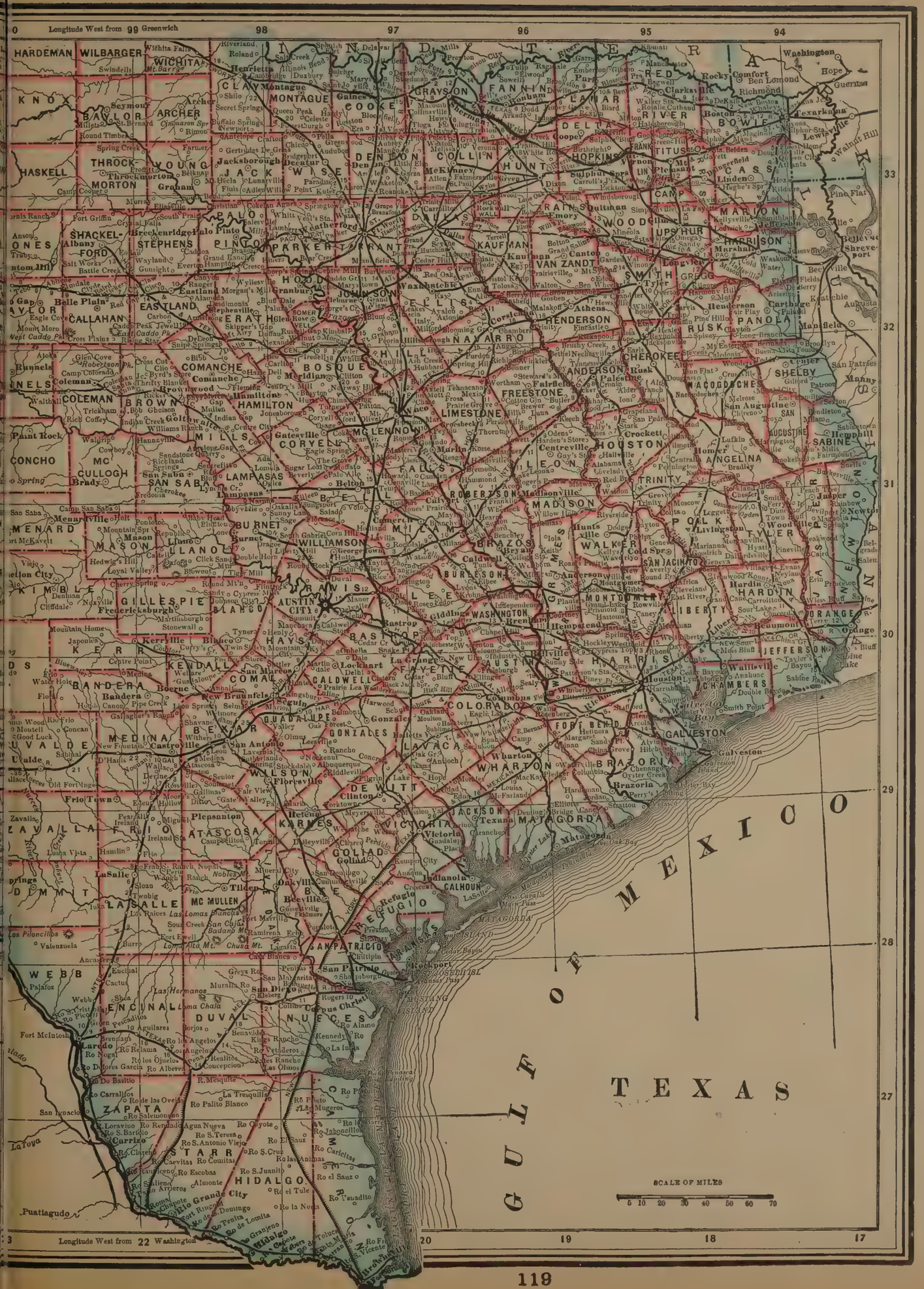
KARNES
DALLAM
SHERMAN
HANSFORD
OCHILTREE
LIPSCOMB
HARTLEY
MOORE
HUTCHINSON
ROBERTS
HEMPHILL
OLDHAM
POTTER
CARSON
GRAY
WHEELER
DEAF SMITH
RANDALL
ARMSTRONG
DONLEY
COLLINGSWORTH
PARMER
CASTRO
SWISHER
BRISCOE
HALL
CHILDRESS
BAILEY
LAMB
HALE
FLOYD
MOTLEY
COTTLE
HARDEMAN
WILBARGER
CHEYENNES
ARAPAHOES
Mount Blanco
Estacado
Dickum's Ranch
Laguna Tahoka
Laguna Cactus
Laguna Rica
Ojo Blanco
Mount Converse
Mount Elgin
Polk's Pk.
Laguna Sabinas
Wards Wells
McLean Wells
Seminole Wells
Shafters Lake
Sulphur Spring
Sulphur Well
Soda Spring
Big Spring
Morita
Greiton
Mustang Fountain
Mustang Spring
Capt. Popes Wells
Lagunas
Midway
Odessa
Salt Lake
Douro
Metz
Sand Hills
Rock Spring
Fort Chadbourne
Colorado River
Bollias
Rockwell
Pecos
Hermosa
Toyah
Gomez
San Martin
Central Sta.
Water Holes
Middle Fk.
San Angelo
Concho River
Fort Concho
Ben Ficklin
Knickerbocker
Sherwood
Wild Cherry Water Holes
Horsehead Crossing
Dry Lake
Flat Rock Water Holes
Geddes Spring
Goop Spring
Good Spring
Mail Station Bridge
Comanche Springs
Fort Stockton
Leon Springs
Barela Spring
Kings Spring
China Ponds
Barnabas Spring
Pecos Springs
Camp Lancaster
Mobile Cedar Springs
Howards Springs
Vanderbeeks Spring
Dry Lake
Old Fort Terrett
Wild Rose Pass
Fort Lancaster
Marfa
Pilares
Chinati Mound
Murphysville
Tuscan
Cedar Tank
Alluda
Marathon
Ojo de Verando
Cherry Spr.
Route Spring
Haymond Tank
Mountain Tank
Horsehead Tank
Brackett's Spring
Presidio
Presidio del Norte
Fort Leaton
Ojotermal
Carizo
Vado de Piedras
Colchos
San Teresa
Escondida
S. Carlos
S. Vicente
Sierra Rica
Sierra Mojino
Sierra del Muerto
Sierra Charote
Sierra de las Burras
Sierra Vieja
Wright
Martins Spring
Drum
Dolan Spring
Pecos Spring
Camp Hudson
Painted Cave
Flanders
Musquez
Devil's River
San Felipe
Del Rio
Fort Clark
Kinney
Brackett
Johnston
Buckner
Resurrection
Dallas
Agua Nueva
Pto. de Monclova
Piedras Negras
Sabinas
Allende
Ligedo
Progress
Lampazos
Vallecillo
Sierra de las Burras
Sierra Vieja
Presidio de San Juan de Baptiste
Hava
Escondido
Rio Grande
Rio Alamo
Rio Sabinas
Arroyo San Diego
Red River Spring
Tascosa
Trygilio
Wheeler
Lathrop
Canadian
Mobeetie
Pampa
Clarendon
Goodnight
Leila
Groves
Miles
Salisbury
Ephrann
Newlin
Benson
Childress
Kirkland
Ft. W. Quanah
Deans
Chillicothe
Vernon
Harrold
Gypsum
Elm Fork
Red River
Prairie Dog Town Fork
Salt Fork
Marcy Creek
Punta de Agua
Ojo Frio
Caswell
Washburn
Armstrong
Southard
Goodnight
Clarendon
Leila
Groves
Miles
Salisbury


Longitude West from 99 Greenwich
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Longitude West from 22 Washington
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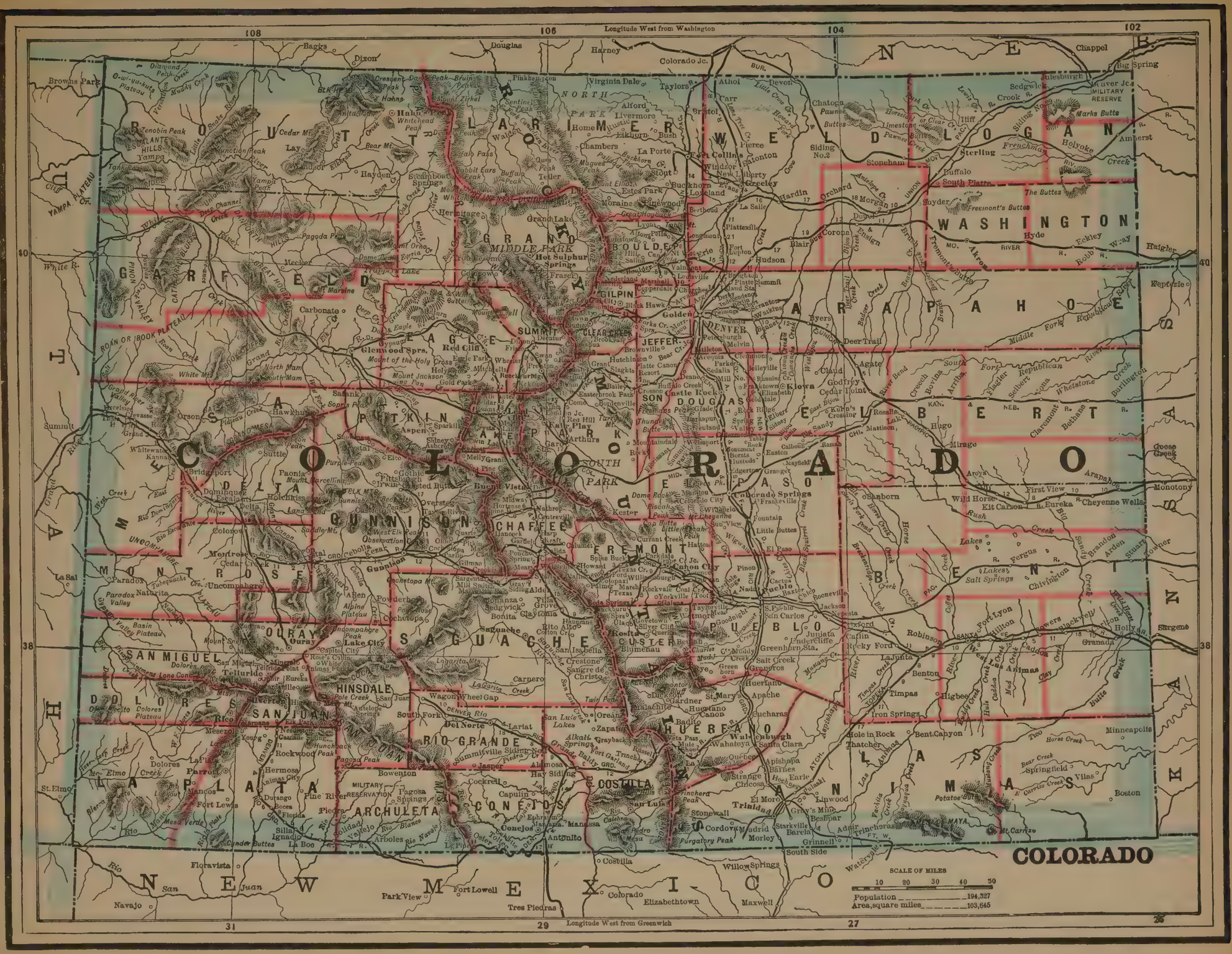
17
GULF OF MEXICO
TEXAS
SCALE OF MILES
5 10 20 30 40 50 60 70
HARDEMAN
WILBARGER
WICHITA
KNOX
BAYLOR
ARCHER
CLAY
MONTAGUE
COOKE
GRAYSON
FANNIN
LAMAR
RED RIVER
BOWIE
CASS
HASKELL
THROCKMORTON
YOUNG
JACK
WISE
DENTON
COLLIN
HUNT
DELTA
HOPKINS
FRANKLIN
TITUS
MORTON
STEPHENS
PARKER
TARRANT
DALLAS
KAUFMAN
RAINS
WOOD
UPSHUR
MARION
HARRISON
CAMP
SHACKELFORD
THROCKMORTON
PALO PINTO
JONES
ALBANY
FORD
EASTLAND
CALLAHAN
HOOD
SOMERVELL
HILL
ELLIS
NAVARRO
VAN ZANDT
SMITH
GREGG
HENDERSON
RUSK
PANOLA
CHEROKEE
ANDERSON
FREESTONE
LIMESTONE
LEON
HOUSTON
TRINITY
ANGELINA
NACOGDOCHES
SHELBY
SABINE
COLEMAN
BROWN
COMANCHE
HAMILTON
BOSQUE
MILLS
CORYELL
MCLENNON
CONCHO
MCCULLOCH
SAN SABA
LAMPASAS
BELL
ROBERTSON
MADISON
POLK
TYLER
MENARD
MASON
BURNET
WILLIAMSON
BRAZOS
WALKER
SAN JACINTO
KIMBLE
GILLESPIE
BLANCO
TRAVIS
AUSTIN
WASHINGTON
GRIMES
MONTGOMERY
HARDIN
LIBERTY
ORANGE
JEFFERSON
KERR
HAYS
CALDWELL
BASTROP
LEE
FAYETTE
KENDALL
COMAL
GUADALUPE
BANDERA
BEXAR
GONZALES
COLORADO
AUSTIN
FORT BEND
CHAMBERS
GALVESTON
MEDINA
UVALDE
LAVACA
WHARTON
BRAZORIA
WILSON
FLORESVILLE
DE WITT
VICTORIA
JACKSON
MATAGORDA
ATASCOSA
FRIO
KARNES
GOLIAD
REFUGIO
CALHOUN
LA SALLE
MCMULLEN
BEE
LIVE OAK
SAN PATRICIO
NUECES
WEBB
DUVAL
ENCINAL
ZAPATA
STARR
HIDALGO
CAMERON
WILLACY
KLEBERG
KENEDY
JIM WELLS
BROOKS
Laredo
Rio Grande City
Puatiagudo
Brownsville
Hidalgo
Corpus Christi
Rockport
Galveston
Houston
Beaumont
Orange
Port Arthur
Sabine Lake
Sabine Pass
Aransas Pass
Matagorda Island
Mustang Island
Padre Island
Laguna Madre
Corpus Christi Bay
Aransas Bay
Matagorda Bay
Galveston Bay
Trinity Bay
Sabine Lake
Sabine Pass
Sabine River
Neches River
Trinity River
Brazos River
Colorado River
Guadalupe River
Nueces River
Rio Grande
Red River
Big Thicket
Piney Woods
Cross Timbers
Prairies and Lakes
Gulf Coast Prairies
Rio Grande Plain
Edwards Plateau
Central Texas
North Central Texas
Northeast Texas
East Texas
Southeast Texas
South Texas
Coastal Bend
Panhandle
South Plains
Rolling Plains
Trans-Pecos
Big Bend
Llano Estacado
Concho Valley
Hill Country
Blackland Prairies
Grand Prairie
Eastern Cross Timbers
Western Cross Timbers
Gulf Prairies and Marshes
Coastal Plains
Interior Plains
Interior Highlands
Basin and Range
Great Plains
Central Lowlands
Interior Low Plateaus
Appalachian Plateaus
Ridge and Valley
Piedmont
Coastal Plain
Atlantic Coastal Plain
Gulf Coastal Plain
Mississippi Alluvial Plain
Mississippi Delta
Ozark Plateaus
Ouachita Mountains
Arkansas Valley
Boston Mountains
Arkansas River
Ouachita River
Red River
Mississippi River
Missouri River
Ohio River
Tennessee River
Cumberland River
Kentucky River
Wabash River
Illinois River
Michigan
Lake Michigan
Lake Superior
Lake Huron
Lake Erie
Lake Ontario
Lake Michigan
Lake Superior
Lake Huron
Lake Erie
Lake Ontario
Great Lakes
St. Lawrence River
Gulf of St. Lawrence
Hudson Bay
James Bay
Ungava Bay
Labrador
Newfoundland
Nova Scotia
New Brunswick
Prince Edward Island
Quebec
Ontario
Manitoba
Saskatchewan
Alberta
British Columbia
Yukon Territory
Northwest Territories
Nunavut
Greenland
Iceland
Europe
Asia
Africa
North America
South America
Australia
Antarctica
Pacific Ocean
Atlantic Ocean
Indian Ocean
Arctic Ocean
Southern Ocean
Equator
Tropic of Cancer
Tropic of Capricorn
Arctic Circle
Antarctic Circle
Prime Meridian
International Date Line
Time Zones
Eastern Time Zone
Central Time Zone
Mountain Time Zone
Pacific Time Zone
Alaska Time Zone
Hawaii-Aleutian Time Zone
Atlantic Time Zone
Newfoundland Time Zone
Daylight Saving Time
Standard Time
Coordinated Universal Time
Greenwich Mean Time
Local Mean Time
Solar Time
Sidereal Time
Lunar Time
Tidal Time
Ocean Time
Atomic Time
Ephemeris Time
Universal Time
Terrestrial Time
Barycentric Dynamical Time
Geocentric Coordinate Time
Barycentric Coordinate Time
Julian Date
Modified Julian Date
Reduced Julian Date
Truncated Julian Date
Chronological Julian Date
Astronomical Julian Date
Historical Julian Date
Gregorian Calendar
Julian Calendar
Proleptic Gregorian Calendar
Proleptic Julian Calendar
Hijri Calendar
Islamic Calendar
Hebrew Calendar
Chinese Calendar
Japanese Calendar
Korean Calendar
Vietnamese Calendar
Thai Calendar
Indian Calendar
Persian Calendar
Ethiopian Calendar
Coptic Calendar
Armenian Calendar
Georgian Calendar
Mayan Calendar
Aztec Calendar
Inca Calendar
Olmec Calendar
Zapotec Calendar
Mixtec Calendar
Toltec Calendar
Maya Calendar
Aztec Calendar
Inca Calendar
Olmec Calendar
Zapotec Calendar
Mixtec Calendar
Toltec Calendar

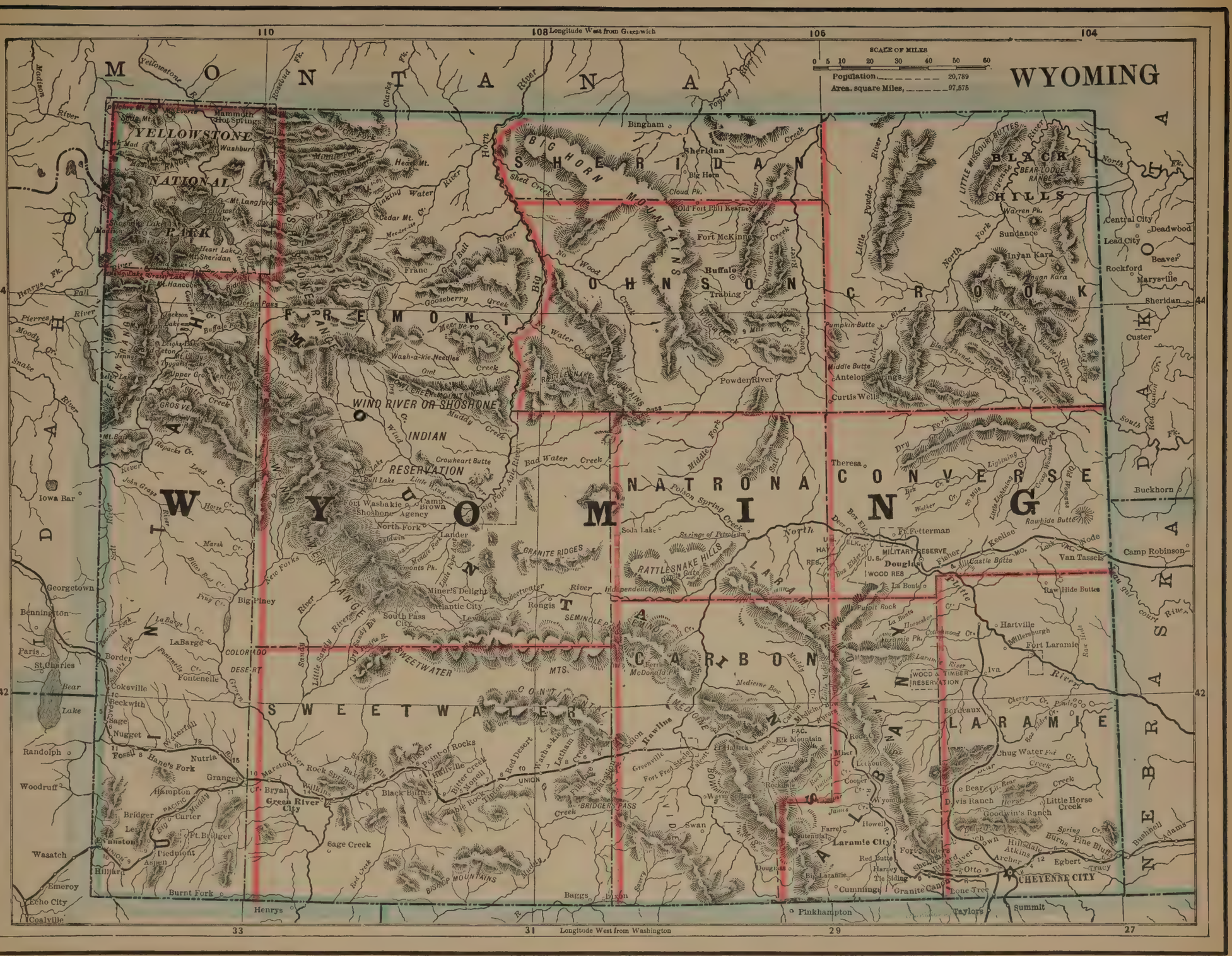
INDIAN TY.
PUBLIC LANDS
CONTINUATION OF INDIAN TY.
PUBLIC LANDS
CHEROKEE OUTLET
OSAGES
KANSAS
PAWNEES
INDIAN
TERRITORY
OKLAHOMA
IOWAS
KICKAPOOS
CREEK
COUNTRY
CHEYENNES & ARAPAHOES
WICHITAS
KIOWAS COMANCHES & APACHES
WATOMIES
POTTAWATOMIES
CHICKASAW NATION
CHOCTAW NATION
TEXAS
ARKANSAS
MISSOURI
KANSAS
Longitude West from Greenwich
Longitude West from Washington
SCALE OF MILES
5 10 20 30 40 50 60
120


Longitude West from Washington
108
106
104
102
Longitude West from Greenwich
31
29
27
COLORADO
SCALE OF MILES
10 20 30 40 50
Population 194,327
Area, square miles 103,645
WASHINGTON
ARAPAHOE
ELBERT
DOUGLAS
JEFFERSON
CLEAR CREEK
GILPIN
BOULDER
GRAND
SUMMIT
EAGLE
PITKIN
GARFIELD
MESA
DELTA
GUNNISON
CHAFFEE
FREMONT
EL PASO
PUEBLO
CUSTER
HUERFANO
LAS ANIMAS
MONTROSE
OURAY
SAN MIGUEL
SAGUACHE
HINSDALE
SAN JUAN
DOLORES
LA PLATA
ARCHULETA
RIO GRANDE
CONEJOS
COSTILLA
MINERAL
LOGAN
PHILLIPS
SEDGWICK
WELD
LARIMER
MORGAN
WASHINGTON
YUMA
KIT CARSON
CHEYENNE
KIOWA
BENT
PROWERS
BACA
NEW MEXICO
UTAH
KANSAS
NEBRASKA
WYOMING
Denver
Colorado Springs
Pueblo
Boulder
Fort Collins
Greeley
Trinidad
Durango
Grand Junction
Leadville
Aspen
Glenwood Spgs.
Gunnison
Montrose
Lake City
Telluride
Silverton
Rico
Del Norte
Alamosa
Monte Vista
Saguache
Salida
Buena Vista
Canon City
Florence
Cripple Creek
Victor
Walsenburg
La Veta
Trinidad
Lamar
Holly
Granada
Las Animas
Rocky Ford
Fowler
La Junta
Springfield
Two Buttes
Holyoke
Sterling
Julesburg
Wray
Yuma
Akron
Fort Morgan
Brush
Hudson
Longmont
Boulder
Golden
Denver
Littleton
Englewood
Aurora
Parker
Elizabeth
Kiowa
Elbert
Simla
Limon
Hugo
Genoa
Burlington
Flagler
Seibert
Stratton
Arriba
Cheyenne Wells
Eads
Kit Carson
Wild Horse
Sanborn
Arlington
Las Animas
Boggsville
Timpas
Higbee
Model
Kim
Branson
Aguilar
Cokedale
Starkville
Barela
Segundo
Weston
Gardner
Huerfano
Apishapa
Farisita
Cucharas
Badito
Wahatoya
Santa Clara
Hole in Rock
Thatcher
Bent Canyon
Minneapolis
Springfield
Ylas
Boston
Mt. Carrizo
Maya
Potato Butte
Chicosa
Stonewall
Cordova
Madrid
Morley
Grinnell
South Side
Willow Springs
Maxwell
Elizabethtown
Colorado
Fort Lowell
Park View
Tres Piedras
Navajo
Floravista
Costilla
Conejos
Antonito
Manassa
Capulin
Ortiz
Jasper
Summitville
Wagon Wheel Gap
Creede
Lake City
Ouray
Silverton
Rico
Telluride
Ophir
Mineral
Lizard Head
Dolores
Rockwood
Hermosa
Durango
Mancos
Fort Lewis
Parrott
Pagosa Springs
Pagosa Peak
Chimney Rock
Arboles
Ignacio
La Boca
Florida
Bayfield
Ouray
Lake City
Capitol City
Sapinero
Cimarron
Montrose
Uncompahgre
Paradox
Naturita
Nucla
Olathe
Delta
Hotchkiss
Paonia
Crawford
Somerset
Redstone
Carbondale
Glenwood Spgs.
New Castle
Rifle
Silt
Parachute
Grand Valley
Collbran
Mesa
Palisade
Fruita
Loma
Gateway
Dolores
Naturita
Nucla
Norwood
Telluride
Ophir
Placerville
Ames
Ouray
Lake City
Gunnison
Crested Butte
Marble
Redstone
Carbondale
Glenwood Springs
Aspen
Basalt
Red Cliff
Minturn
Leadville
Buena Vista
Salida
Poncha Springs
Saguache
Villa Grove
Moffat
Mosca
Hooper
Alamosa
Monte Vista
Center
Del Norte
South Fork
Creede

NEW MEXICO
TEXAS
MEXICO
COLORADO
OKLAHOMA
ARIZONA
Longitude West from Greenwich
Longitude West from Washington
108
106
104
31
29
27
36
34
32
SAN JUAN
RIO ARRIBA
TAOS
COLFAX
UNION
HARDING
SANTA FE
SAN MIGUEL
MORA
LINCOLN
TORRANCE
VALENCIA
SOCORRO
GUADALUPE
DE BACA
CHAVES
EDDY
OTERO
SIERRA
DONA ANA
HIDALGO
GRANT
CATRON
MCKINLEY
SANDOVAL
BERNALILLO
Rio Grande
Pecos River
Canadian River
Gila River
Zuni Plateau
Mesa de los Lobos
Pajarito Plateau
Llano Estacado
Jornada del Muerto
Tularosa Valley
Mesilla Valley
Carrizo Valley
Plains of San Augustin
Barren Plains
Guadalupe Mts.
Sierra Huego
Organ Mts.
Sacramento Mts.
Capitan Mts.
Jicarilla Apache Park View
Horse Lake
Boulder Lake
IND. RES.
Navajo Indian Reservation
Mescalero Apache or Fort Stanton Ind. Reserve
Canon de la Luz
Fort Craig Military Reserve
Fort Bayard Military Reserve
Fort Cummings Military Reserve
Fort Selden Military Reserve
Fort Stanton Military Reserve
Fort Sumner Military Reserve
Fort Wingate Military Reserve
Fort Union Military Reserve
Fort Butler Military Reserve
Ft. Wingate Military Reserve
Zuni Ind. Reserve
Santa Fe
Las Vegas
Albuquerque
Roswell
Carlsbad
Clovis
Portales
Tucumcari
Las Cruces
Deming
Silver City
Alamogordo
Gallup
Farmington
Aztec
Bloomfield
Raton
Trinidad
Springer
Clayton
Tucumcari
Roswell
Artesia
Hobbs
Lovington
Tatum
Elida
Portales
Clovis
Fort Sumner
Puerto de Luna
Las Vegas
Santa Fe
Espanola
Taos
Questa
Red River
Eagle Nest
Cimarron
Springer
Mosquero
Roy
Wagon Mound
Watrous
Las Vegas
Tucumcari
Logan
Newkirk
Texico
Melrose
Fort Sumner
Vaughn
Encino
Willard
Moriarty
Estancia
Mountainair
Gallup
Grants
Milan
Bluewater
Thoreau
Crownpoint
Window Rock
Chinle
Ganado
Keams Canyon
Holbrook
Winslow
Flagstaff
Williams
Ash Fork
Seligman
Prescott
Jerome
Clarkdale
Cottonwood
Sedona
Camp Verde
Payson
Globe
Miami
Superior
Florence
Casa Grande
Coolidge
Eloy
Maricopa
Phoenix
Tempe
Mesa
Chandler
Gilbert
Apache Junction
Tucson
Marana
Red Rock
Picacho
Eloy
Casa Grande
Stanfield
Arizona City
Yuma
Somerton
San Luis
Gadsden
Anthony
Las Cruces
Mesilla
Mesilla Park
Dona Ana
Hatch
Rincon
Deming
Columbus
Lordsburg
Hachita
Antelope Wells
Playas
Hurley
Santa Rita
Silver City
Bayard
Central
Pinos Altos
Mogollon
Reserve
Alpine
Marfa
Presidio
Fort Davis
Valentine
Sierra Blanca
Van Horn
Kent
Sierra Blanca
Fort Hancock
Dell City
Salt Flat
Guadalupe Peak
El Capitan
Carlsbad
Artesia
Lake Arthur
Hagerman
Dexter
Roswell
Hope
Dayton
Loco Hills
Maljamar
Hobbs
Jal
Eunice
Monument
Lovington
Tatum
Kenna
Elida
Portales
Clovis

ARIZONA.
SCALE OF MILES
5 10 20 30 40 50 60
Population ---------- 40,440
Area, square Miles ---------- 112,920
Longitude West from Greenwich
Longitude West from Washington
114
112
110
37
33
UTAH
NEVADA
NEW MEXICO
COLORADO
MEXICO
YAVAPAI
APACHE
MOHAVE
NAVAJO
COCHISE
PIMA
PINAL
GILA
GRAHAM
YUMA
MARICOPA
SAN CARLOS INDIAN RESERVATION
NAVAJO INDIAN RESERVATION
Prescott
PHŒNIX
Tempe
Mesa
Florence
Casa Grande
Tucson
Yuma
Flagstaff
Winslow
Holbrook
Show Low
Springerville
St. Johns
Snow Flake
Globe
Miami
Safford
Bisbee
Douglas
Nogales
Willcox
Benson
Kingman
Needles
Parker
Lees Ferry
Navajo Springs
Fort Defiance
Fort Apache
Fort Grant
Fort Bowie
Camp Verde
Camp Lincoln
Camp Thomas
Camp Huachuca
Grand Canyon
Colorado River
Gila River
Salt River
San Pedro River
Santa Cruz River
Little Colorado River
Verde River
Williams
Ash Fork
Seligman
Peach Springs
Hackberry
Chloride City
Mineral Park
Cerbat
Caypte Hole
Stockton
Alexandria
Hardyville
Mohave City
Fort Rock
Hualapai
Planetown
Cactus Plain
Black Mountain
Ehrenberg
Hawk Spring
Plomoso
Granite Water
Mineral City
New Water
Rodes Ranch
Castle Dome
Mammoth Spring
Castle Dome Landing
Blindfarm
Texas Hill
Gila City
Kennedy's Sta.
Gila Bend
Sentinel
Stanwix
Painted Rock
Mohawk Summit
Adonde
Los Popos
Tinajos Altos
Monument 1
Monument 2
Monument 3
Monument 4
Monument 5
Monument 6
Monument 7
Monument 8
Monument 9
Monument 10
Monument 11
Monument 12
Tule
Las Playas
Fremont
Quigotoa
Pirigua
Santa Rosa
Cababi
Punza del Agua
Cholla
Sahurito
Cerro Colorado
Squarro
Sassabi Flat
Providence Wells
Arivaca
El Paso
Ore Blanco
Pajarito
Isaacson
La Noria
Luttrell
Ochoaville
Crittenden
Tubac
Aztec
Harshaw
Calabazas
Charleston
Camp Huachuca
Vota
Bisbee
Tombstone
Sand Spring
Total Wreck
Empire
Contention
Fairbank
Brookline
Greaterville
Sonoita
Elgin
Cienega
Pantano
Papago
Oracle
Riley Wells
Redington
Teviston
Steele's Sta.
Tres Alamos
Dragoon
Sulphur Spring
Cochise Spring
San Pedro
Benson
Rucker
Pima
Mingville
Solomonville
San Jose
Eureka Spring
Catalina
Mesaville
Dudleyville
Riverside
Picket Post
Cottonwood
Sacaton
Agency
Maricopa
Sweetwater
Estrella
Sanford
Picacho
Red Rock
Saucita
Cejeta
Rillito
Dosert
Americal Flag
Manly
Monteceno
Oracle
Tucson
Silver King
Pinal
Pioneer
Little Giant
Nugget
McMillen
Black River St.
Fort Apache
Carrizo
Pinedale
Show Low
Springerville
Apache Spring
Greens Peak
Thomas Peak
Devins Peak
Sombrero Pk.
Reno
Overton
Wickenburg
Vulture
Seymour
Smith's Mill
Abbeys Spring
Centennial
Maryville
Hayden
Placer Diggings
Stanton
Gillett
Tip Top
Bradshaw
Minnehaha
Date Creek
Antelope Valley
Walnut Grove
Stanton
Meesville
Alexandria
Bumble Bee
Hassayampa
Bueno
Stoddard
Townsend
Big Bug
Red Rock
Cienega
Strawberry
Aqua Fria Valley
Webster
Smith Valley
Skull Valley
Windmill
Granite Mt.
Simmons
Reces
Williamson's Valley
Verde Bridge
Juniper
Clearwater
Jumper
Fort Rock
Muddy Canon
Cross Mt.
Garland
Pamela
Sullivan
Whitmore
Picacho
Pineveta
Ash Fork
Fairview
Supai
Williams
Mt. Floyd
Prescott Jc.
Antelope Peak
Mt. Sitgreaves
Chevelon
Mt. Hendricks Pk
San Francisco Mts.
Agua Fria
Oneal Spring
Clark Valley
Canon Diablo
Atlantic
Dennison
Walnut
Leupp
Cottonwood
Mormon Lake
Stoneham
Lake
Snyders Hole
Mt. Hawley
Woodruff
Holbrook
Deer Spr.
Cabon Butte
Zuni
Sheep Ranch
Allantown
Pueblo Grande
Aqua
Viboras
Canado
Jara Spring
Sanders
Rio Navajo Springs
Billings
Carrizo
Willow Spring
Navajoe Valley
White Rock Spring
Agency
Spring Butte
Chimney Pk.
Signal Butte
Mesa Butte
Shipaulovi
Shong-a-pavi
Walpi
Shichomin-a-vi
Mishonginivi
Te-wa
Oraibi
Agency
Indian Reservation
Navajo Valley
Pueblo Tocalote
Moen Ava Settlements
Hatche's Well
Waterpocket
Ruins
Trout Spring
Moqui
La Vaca
Burning Coal Beds
Coal Region Mesa
Thousand Wells
Whitmore Pools
Willow Spring
Shenomo Altar
Ojo Puerto
Los Gigantos
Cave Dwellings
Navajo
Diamond Fields
Lana Negro
Laguna
Sand Dune Plateau
Lees Ferry
Navajo Spring
Echo Pk.
Bisco Spring
Jacob's Pools
Paria Valley
Vermilion Cliffs
Kaibab Plateau
Shenomo Canon
Kanab Plateau
Huiricane Ledge Plateau
Uinkaret Plateau
Wanzits Plateau
Sand Dune Plateau
Cave Spring
Antelope Spring
Wolf Spring
Pipe Spring
Hanging Rock
Beaverdam
Black Rock Spring
Mt. Bangs
Diamond Butte
Solitaire Butte
Moccasin Spring
Cottonwood
Mt. Trumbull
Mt. Logan
Mt. Emma
Mt. Dellenbaugh
Suppai Indian Settlement
Yavapi Sapa Reservation
Hot Spring
Salt Spring
Dinoah Spring
Tiri-nah-ha Spring
Hualapai Plateau
Aubrey Cliffs
Red Butte
Blue Mesa
Mesa
Colorado Plateau
Eldorado Mill
Yucca Spring
Altoonah Spring
Mountain Spring
Red Lake
Spencer's Ranch
Mt. Tipton
Mt. Davis
Mt. Floyd
Whitmore's Pool
Mesa Butte
Chimney Pk.
Signal Butte
Spring Butte
Mishonginivi
Shichomin-a-vi
Walpi
Shong-a-pavi
Shipaulovi
Oraibi
Agency
Indian Reservation
Navajo Valley
White Rock Spring
Agency
Fort Defiance
Navajoe Valley
Willow Spring
Pueblo Creek
Rio Puerco
Bonito Valley
Rio de Chelly
Canon de Chelly
Indian
Navajo
Diamond Fields
Lana Negro
Sand Dune Plateau
Cave Dwellings
Los Gigantos
Ojo Puerto
Laguna
Coal Region Mesa
Burning Coal Beds
Thousand Wells
Whitmore Pools
Willow Spring
Shenomo Altar
Moqui
La Vaca
Trout Spring
Ruins
Waterpocket
Hatche's Well
Pueblo Tocalote
Moen Ava Settlements
Colorado River
Little Colorado River
Marble Canon
Kaibab Plateau
Paria Valley
Vermilion Cliffs
Lees Ferry
Navajo Spring
Echo Pk.
Bisco Spring
Jacob's Pools
Shenomo Canon
Kanab Plateau
Huiricane Ledge Plateau
Uinkaret Plateau
Wanzits Plateau
Sand Dune Plateau
Cave Spring
Antelope Spring
Wolf Spring
Pipe Spring
Hanging Rock
Beaverdam
Black Rock Spring
Mt. Bangs
Diamond Butte
Solitaire Butte
Moccasin Spring
Cottonwood
Mt. Trumbull
Mt. Logan
Mt. Emma
Mt. Dellenbaugh
Suppai Indian Settlement
Yavapi Sapa Reservation
Hot Spring
Salt Spring
Dinoah Spring
Tiri-nah-ha Spring
Hualapai Plateau
Aubrey Cliffs
Red Butte
Blue Mesa
Mesa
Colorado Plateau
Eldorado Mill
Yucca Spring
Altoonah Spring
Mountain Spring
Red Lake
Spencer's Ranch
Mt. Tipton
Mt. Davis
Mt. Floyd
Whitmore's Pool
Mesa Butte
Chimney Pk.
Signal Butte
Spring Butte
Mishonginivi
Shichomin-a-vi
Walpi
Shong-a-pavi
Shipaulovi
Oraibi
Agency
Indian Reservation
Navajo Valley
White Rock Spring
Agency
Fort Defiance
Navajoe Valley
Willow Spring
Pueblo Creek
Rio Puerco
Bonito Valley
Rio de Chelly
Canon de Chelly
Indian
Navajo
Diamond Fields
Lana Negro
Sand Dune Plateau
Cave Dwellings
Los Gigantos
Ojo Puerto
Laguna
Coal Region Mesa
Burning Coal Beds
Thousand Wells
Whitmore Pools
Willow Spring
Shenomo Altar
Moqui
La Vaca
Trout Spring
Ruins
Waterpocket
Hatche's Well
Pueblo Tocalote
Moen Ava Settlements
Colorado River
Little Colorado River
Marble Canon
Kaibab Plateau
Paria Valley
Vermilion Cliffs
Lees Ferry
Navajo Spring
Echo Pk.
Bisco Spring
Jacob's Pools
Shenomo Canon
Kanab Plateau
Huiricane Ledge Plateau
Uinkaret Plateau
Wanzits Plateau
Sand Dune Plateau
Cave Spring
Antelope Spring
Wolf Spring
Pipe Spring
Hanging Rock
Beaverdam
Black Rock Spring
Mt. Bangs
Diamond Butte
Solitaire Butte
Moccasin Spring
Cottonwood
Mt. Trumbull
Mt. Logan
Mt. Emma
Mt. Dellenbaugh
Suppai Indian Settlement
Yavapi Sapa Reservation
Hot Spring
Salt Spring
Dinoah Spring
Tiri-nah-ha Spring
Hualapai Plateau
Aubrey Cliffs
Red Butte
Blue Mesa
Mesa
Colorado Plateau
Eldorado Mill
Yucca Spring
Altoonah Spring
Mountain Spring
Red Lake
Spencer's Ranch
Mt. Tipton
Mt. Davis

UTAH
SCALE OF MILES
5 10 20 30 40 50
112 Longitude West from Greenwich
114
110
42
40
38
37
35 Longitude West from Washington
33
IDAHO
WYOMING
COLORADO
NEVADA
ARIZONA
NEW MEXICO
Bear River
Great Salt Lake
Utah Lake
Sevier Lake
Rush Lake
Bear Lake
Salt Lake City
Ogden
Provo
Logan
Brigham City
Tooele
Beaver
Cedar City
St. George
Richfield
Fillmore City
Nephi
Manti
Moab
Monticello
Blanding
Price
Castle Dale
Green River
Vernal
Roosevelt
Duchesne
Heber
Coalville
Evanston
Kemmerer
Rock Springs
Green River City
Fort Bridger
Lake Powell
Colorado River
Green River
San Juan River
Grand Canyon
Navajo Mt.
Lees Ferry
Cave Dwellings
Wasatch Mts.
Uinta Mts.
Book Cliffs
Wasatch Plateau
Tushar Mts.
Pine Valley Mts.
Iron Mts.
Henry Mts.
La Sal Mts.
Abajo Mts.
Great Salt Lake Desert
Great Basin Desert
Escalante Desert
Uinta Indian Reserve
Skull Valley
Tooele Valley
Cache Valley
Sanpete Valley
Juab Valley
Utah Valley
Salt Lake Valley
Weber Valley
Uinta Basin
Wasatch Plateau
Book Cliffs
Roan Cliffs
Tavaputs Plateau
Colorado Plateau
Mesa Verde
Monument Valley
Navajo Indian Reserve
Hopi Indian Reserve
Zuni Indian Reserve
Ute Indian Reserve
Ouray Indian Reserve
Uncompahgre Plateau
Uncompahgre Peak
Mt. Ellen
Mt. Hillers
Mt. Ellsworth
Mt. Pennell
Mt. Terry
Mt. Hillyard
Mt. Peale
Mt. Tukuhnikivatz
Mt. Waas
Mt. Wilson


110
108 Longitude West from Greenwich
106
104
SCALE OF MILES
0 5 10 20 30 40 50 60
Population 20,789
Area, square Miles, 97,575
WYOMING
MONTANA
SOUTH DAKOTA
NEBRASKA
COLORADO
UTAH
YELLOWSTONE NATIONAL PARK
BIG HORN MOUNTAINS
SHERIDAN
JOHNSON
CROOK
FREMONT
WIND RIVER OR SHOSHONE INDIAN RESERVATION
NATRONA
CONVERSE
NIOBRARA
WESTON
CAMPBELL
CARBON
ALBANY
LARAMIE
SWEETWATER
UINTA
LINCOLN
Bingham
Sheridan
Big Horn
Old Fort Phil Kearney
Fort McKinney
Buffalo
Trabing
Powder River
Curtis Wells
Antelope Springs
Middle Butte
Pumpkin Butte
Sundance
Warren Pk.
Central City
Deadwood
Lead City
Beaver
Rockford
Marysville
Custer
Buckhorn
Theresa
Fort Fetterman
Douglas
Van Tassels
Camp Robinson
Raw Hide Butte
Hartville
Millersburgh
Fort Laramie
Iva
Lusk
Crook
Iowa Bar
Georgetown
Bennington
Paris
St. Charles
Border
Cokeville
Beckwith
Sage
Nugget
Fossil
Randolph
Woodruff
Hampton
Bridger
Carter
Evanston
Ft. Bridger
Piedmont
Aspen
Wasatch
Hillard
Emeroy
Echo City
Coalville
Burnt Fork
Henrys
Lake
Fontenelle
Big Piney
Miner's Delight
Atlantic City
South Pass City
Lewiston
Rongis
Granite Ridges
Rattlesnake Hills
Soda Lake
Springs of Petroleum
Lander
Fort Washakie
Shoshone Agency
Crowheart Butte
Bull Lake
Green River City
Point of Rocks
Table Rock
Black Buttes
Rock Springs
Bryan
Granger
Nutria
Hane's Fork
Marston
Bitter Creek
Rawlins
Elk Mountain
Medicine Bow
Sierra Madre
Como Bluff
Laramie City
Cheyenne City
Pine Bluffs
Tracy
Egbert
Archer
Hillsdale
Atkins
Burns
Goodwin's Ranch
Little Horse Creek
Davis Ranch
Chug Water
Bordeaux
Lone Tree
Otto
Granite Canon
Cummings
Tie Siding
Harney
Red Butte
Howell
Farrel
Centennial
Wyoming
Cooper
Lookout
Miser
Rock Creek
Fort Fred Steele
Wamsutter
Sage Creek
Baggs
Dixon
Pinkhampton
Taylors
Summit
Bridger Pass
Continental Divide
Sweetwater Mts.
Medicine Bow Mts.
Sierra Madre Mts.
Bishop Mountains
Wind River Range
Wind River Mts.
Owl Creek Mts.
Rattlesnake Mts.
Big Horn Mts.
Black Hills
Little Missouri Buttes
Bear Lodge Range
Laramie Mts.
Seminole Pass
Union Pass
Togwotee Pass
Two Ocean Pass
Jackson Lake
Yellowstone Lake
Shoshone Lake
Heart Lake
Mt. Sheridan
Mt. Hancock
Mt. Langford
Mt. Washburn
Mammoth Hot Springs
Hoppers Gr.
Lead Gr.
Horse Cr.
Marsh Cr.
Big Piney Cr.
Fontenelle Cr.
Bear River
Green River
Snake River
Yellowstone River
Missouri River
Powder River
Tongue River
Clarks Fk.
Rosebud Fk.
Shoshone River
Wood River
Little Wind River
Big Popo Agie River
Sweetwater River
Little Sandy River
Big Sandy River
Muddy Creek
Bad Water Creek
Middle Fork
Dry Fork
Lightning Cr.
Rawhide Butte
Box Elder Cr.
Deer Creek
Douglas Creek
Laramie River
Medicine Bow River
Platte River
Horse Creek
Chug Water Creek
Little Bear Creek
Spring Cr.
Pine Bluffs
Bushnell
Adams
Cheyenne River
Belle Fourche River
Little Powder River
Powder River
Crazy Woman Creek
Clear Creek
Piney Cr.
Big Goose Creek
Tongue River
Prairie Dog Cr.
Red Quarter Cr.
Court River
Lake Cr.
Wolf Cr.
Box Elder Cr.
Lightning Cr.
Little Thunder Cr.
Crow Heart Butte
Rawhide Butte
Castle Butte
Independence Rock
Devil's Gate
Split Rock

Longitude West from Greenwich
Longitude West from Washington
MONTANA
NORTH DAKOTA
SOUTH DAKOTA
WYOMING
IDAHO
BRITISH COLUMBIA
Missouri River
Yellowstone River
Milk River
Marias River
Musselshell River
Powder River
Little Missouri River
Big Horn Mountains
Rocky Mountains
Bitter Root Mts.
Little Belt Mts.
Big Belt Mts.
Crazy Mts.
Snowy Mts.
Judith Mts.
Highwood Mts.
Little Rocky Mts.
Bear Paw Mts.
Sweet Grass Hills or Three Buttes
Cypress Lake
Pak-ohkee Lake
Kootenay Trading Post
Rocky Spring
Fort Assiniboine
Fort Benton
Fort Shaw
Fort Browning (Burpee)
Fort Union
Fort Buford
Old Fort Gilbert
Old Fort Union
Old Blackfoot Agency
Blackfoot Agency
Flathead Indian Reservation
Blackfeet and Crow Indian Reservation
Fort Belknap Indian Reservation
Fort Peck Indian Reservation
Fort Assiniboine Indian Res.
Milk River Ridge
Tobacco Plains
Lonesome Prairie
Coal Mines
Battle of Big Hole, 1877
Battle of Snake Butte
Battle of Bear Paw, 1877
Custer Battlefield
Custer Campbell's Mil. Res.
Custer Monument
Crow Agency
Crow Indian Reservation
Northern Cheyenne Indian Reservation
Northern Arapaho Indian Reservation
Shoshone Indian Reservation
Wind River Mountains
Yellowstone National Park
Mammoth Hot Springs
Thompson's Fork
Hayden's Valley
Lower Falls
Upper Falls
Yellowstone Lake
Shoshone Lake
Heart Lake
Mt. Washington
Mt. Garfield
Mt. Hancock
Cathedral Rock
Castle Rock
Square Butte
Round Butte
Church Butte
Medicine Buttes
Four Buttes
Tiger Buttes
Twin Buttes
Whitney Buttes
Long Butte
Smoke Butte
Black Butte
Sage Creek
Big Timber Creek
Big Dry Creek
Big Muddy Creek
Milk River Valley
Judith Basin
Judith River
Musselshell Valley
Yellowstone Valley
Gallatin Valley
Madison Valley
Jefferson Valley
Boulder Valley
Deer Lodge Valley
Bitter Root Valley
Flathead Lake
Flathead Pass
Marias Pass
Cut Bank
Two Medicine Creek
Birch Creek
Muddy Creek
Willow Creek
Box Elder
Lonesome Lake
Sandy
Verona
Porcupine Butte
Alkali Lake
Painted Robe Mt.
Red Butte
Buffalo Creek
Big Timber
Livingston
Bozeman
Belgrade
Three Forks
Gallatin
Missouri
Dearborn
Sun River
Teton
Portage
Watson
Johnstown
Great Falls
Sand Coulee
Belt
Highwood
Sidney
Huntley
Fort Peck
Wolf Point
Poplar
Brockton
Brockholm
Glasgow
Malta
Saco
Medicine Lodge
Harlem
Zurich
Dodson
Eureka
Fresno
Hinsdale
Landusky
Whitlash
Havre
Coal
Lignite
Bituminous
Anthracite
Scale of Miles
0 5 10 20 30 40 50

IDAHO

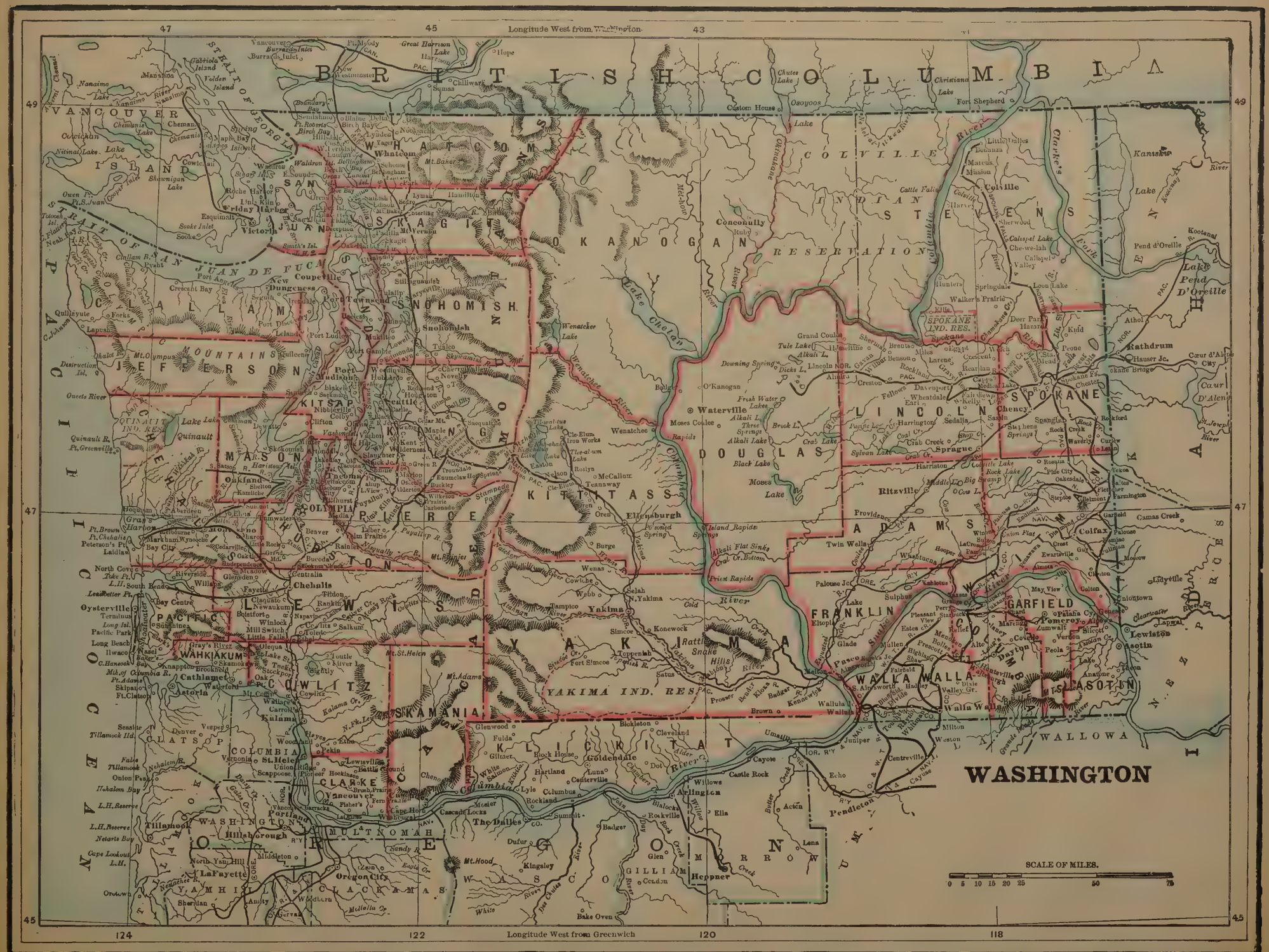
SCALE OF MILES
0 5 10 20 30 40 50 60

Population _____ 32,610
Area, square Miles, ___ 84,290

116 114

46 48 44 42

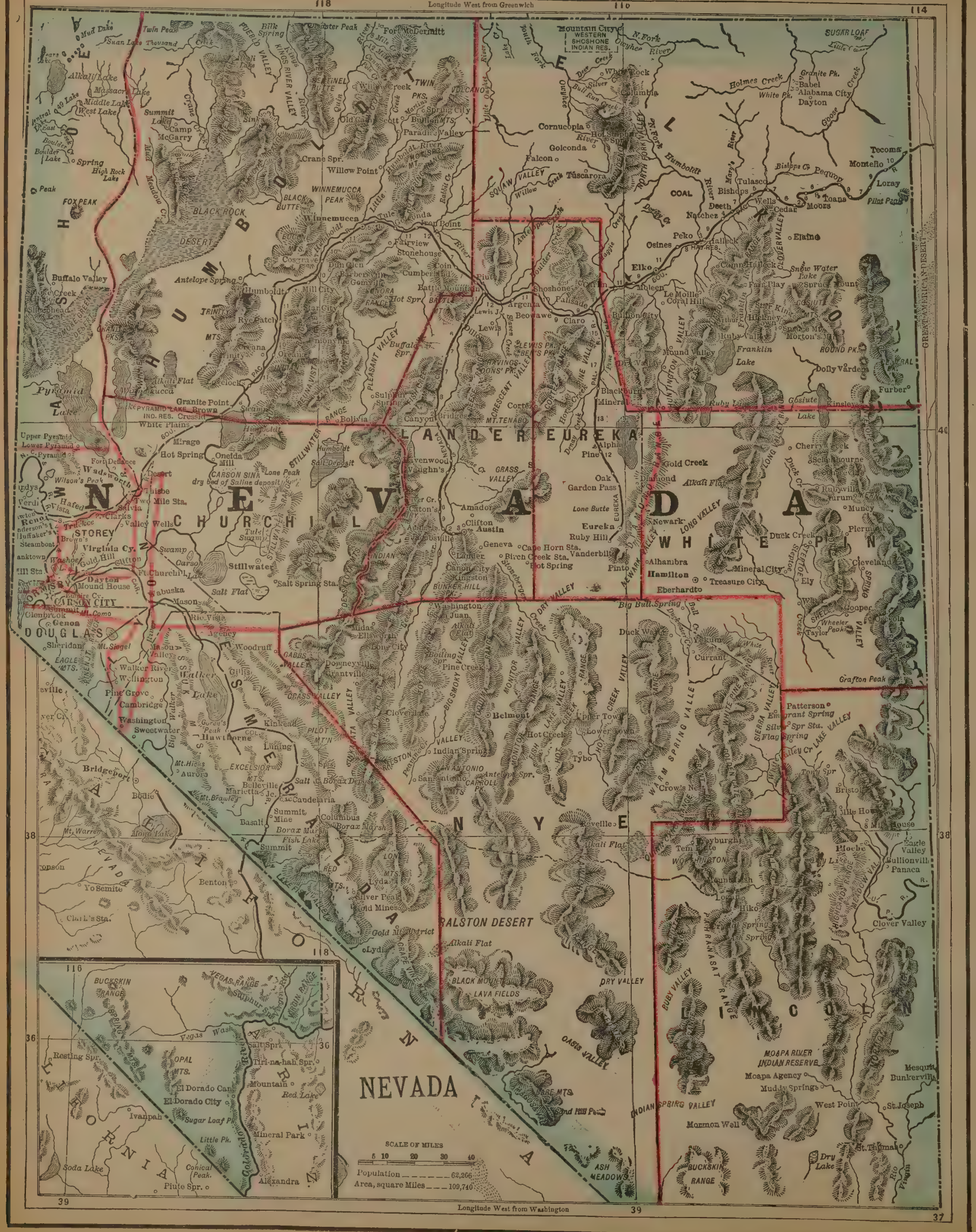
39 37 35


WASHINGTON
BRITISH COLUMBIA
Longitude West from Washington
Longitude West from Greenwich
47
45
43
49
124
122
120
118
WHATCOM
SKAGIT
SAN JUAN
ISLAND
SNOHOMISH
KING
KITSAP
JEFFERSON
CLALLAM
MASON
PIERCE
THURSTON
LEWIS
PACIFIC
WAHKIAKUM
COWLITZ
SKAMANIA
CLARKE
COLUMBIA
GARFIELD
ASOTIN
WALLOWA
FRANKLIN
WALLA WALLA
COLUMBIA
KITTITAS
YAKIMA
DOUGLAS
OKANOGAN
CHELAN
GRANT
ADAMS
LINCOLN
SPOKANE
STEVENS
FERRY
PEND OREILLE
KLICKITAT
KLICKITAT
YAKIMA IND. RES.
COLVILLE INDIAN RESERVATION
SPOKANE IND. RES.
MULTNOMAH
CLACKAMAS
WASCO
SHERMAN
GILLIAM
MORROW
UMATILLA
YAMHILL
TILLAMOOK
WASHINGTON
OREGON
Puget Sound
Strait of Georgia
Strait of Juan de Fuca
Columbia River
Snake River
Lake Chelan
Lake Pend d'Oreille
Lake Coeur d'Alene
Wenatchee Lake
Moses Lake
Grand Coulee
Cascade Mts.
Olympic Mts.
Blue Mts.
Palouse Hills
Rattlesnake Hills
Mt. Rainier
Mt. Baker
Mt. St. Helen
Mt. Adams
Mt. Hood
Scale of Miles
0 5 10 15 20 25 50 75

OREGON
Longitude West from Greenwich
124
122
120
118
46
48
42
44
Longitude West from Washington
47
45
43
41
SCALE OF MILES
0 5 10 20 30 40 50
PACIFIC OCEAN
CALIFORNIA
NEVADA
IDAHO
COLUMBIA RIVER
SNAKE R.
Yakima River
White River
Deschutes River
John Day River
Grande Ronde River
Malheur River
Owyhee River
Klamath Marsh
Klamath Lake
Upper Klamath Lake
Tule Lake
Lower Klamath Lake
Goose Lake
Summer Lake
Silver Lake
Paulina Lake
Odell Lake
Crater Lake
Diamond Lake
Thorn Lake
Harney Lake
Malheur Lake
Alkali Lake
Warner Peaks
Abert Lake
Guano Lake
Christmas Lake
Mann Lake
Juniper Lake
Cow Creek Lake
Camp Lynn
Bakertown
Camp 3 Forks
Jordan Valley
S. Mountain
Silver City
Reynolds Creek
Owyhee
Nyssa
Vale
Ontario
Fruitland
Weiser
Payette
Emmettsville
Riverside
Caldwell
Middle Valley
Salubria
Brownlee
Pine Valley
Sparta
Baker City
New Bridge
Pleasant Valley
Unity
Durkee
Weatherby
Rye Valley
Huntington
Old's Ferry
Humboldt
Basin
Eldorado
Malheur
Dell
Grove Spring
Glenn
Home
Stone
Willow
Clarksville
Wingville
Pocahontas
Sumpter
Auburn
Granite
Susanville
Robinsonville
Powderville
Haines
Cromwell
Jamestown
North Powder
Union
Telocaset
Hot Lake
La Grande
Island City
Alicel
Sand Ridge
Cove
Starkey
Hilgard
Elgin
Elk Flat
Wallowa
Lostine
Enterprise
Joseph
Prairie Creek
Alder
Alba
Hardman
Lena
Vinson
Ridge
Condon
Pilot Rock
Pendleton
Umatilla
Mikonta
Nolin
Barnhart
Echo
Fulton
Foster
Stokes
Maxwell
Warren
Athena
Weston
Adams
Eastland
Pilot
Juniper
Canon
Milton
Stanfield
Hilgard
Blue Mts.
Grand View
Waterman
Havana
Gibbon
Meacham
Encampment
Starbuck
Dayton
Pomeroy
Alpowa
Lewiston
Peola
Anatone
Wallula
Walla Walla
Touchet
Whitman
Dixie
Highland
Boise Jc.
Eureka Jc.
Pasco
Wahluke
Prosser
Yakima
Fort Simcoe
Bickleton
Goldendale
Collins Landing
Cascades
Vancouver
Kalama
Cowlitz
Olequa
Cathlamet
Brookfield
Astoria
Knappa
Westport
Clatskanie
Rainier
Quincy
Riverside
Columbia Cy.
St. Helens
Scappoose
Union Ridge
Burnt Woods
Gales Cr.
Garibaldi
Tillamook
Nehalem
Wheeler
Nestucca
Neskowin
Cape Lookout
Cape Meares
Cape Foulweather
Yaquina Head
Alsea
Waldport
Yachats
Florence
Reedsport
Coos Bay
Empire City
Marshfield
North Bend
Coquille
Bandon
Port Orford
Gold Beach
Smith River
Crescent City
Trinidad
Eureka
Arcata
Ferndale
Petrolia
Cape Mendocino
Cape Gregory
Cape Blanco
Humbug Mt.
Rogue River Mts.
Siskiyou Mts.
Coast Range
Cascade Range
Blue Mts.
Ochoco Mts.
Mutton Mts.
Warm Spring Mts.
Steins Mts.
Mahogony Mts.
Calapooya Mts.
Diamond Pk.
Mt. Thielson
Mt. Scott
Mt. Pitt
Mt. Hood
Mt. Jefferson
Three Sisters
Rams Pk.
Iron Mountain
Roaring Springs
Boiling Springs
Hot Springs
Lake Abert
Warner Lakes
Drew's Valley
Sprague River
Chewaucan
Paisley
Whitehall
Summer Lake
Swamp Lake
Silver Lake
Thorn Lake
Diamond Lake
Crater Lake
Odell Lake
Summit Lake
Pauline Lake
Ramsey Spring
Evergreen
Burns
Reiley
Dry Lake
Camp Wright
Harney
Silver Lake
Malheur Lake
Harney Lake
Diamond
Camp Smith
Camp McDermitt
Fort McDermitt
Indian Reservation
Klamath Indian Reservation
Warm Spring Indian Res.
Agency
Yainax
Naylox
Ft. Klamath
Chiloquin
Klamath Agency
Linkville
McCurdy
Bonanza
Langell Valley
Lakeview
Junipers
Antlers
Bly
Yonna
Sprague
Mt. Pitt
Jacksonville
Applegate
Phoenix
Talent
Ashland
Central Pt.
Willow Spgs.
Medford
Eagle Pt.
Big Butte
Table Rock
Grant's Pass
Rogue River
Galice
Leland
Lucky Queen
Wolf Creek
Ellensburgh
Kerby
Williams
Waldo
Althouse
Wilderville
Murphy
Merlin
Galesville
Canyonville
Nichols
Silver Butte
Riddles
Myrtle Point
Roseburg
Dillard
Oakland
Drain
Elkton
Scottsburg
Gardiner
Reedsport
Winchester
Umpqua Ferry
Elkton
Cleveland
Wilbur
Mt. Arlington
Oak Creek
Patterson
North Umpqua
Tiller
Days Creek
Myrtle Creek
Riddle
Glendale
Sutherlin
Oakland
Yoncalla
Drain

IDAHO
NEVADA
OREGON
CALIFORNIA
PACIFIC
Longitude West from Greenwich
116
118
120
122
124
42
40
38
Boise City
Camp Smith
Owyhee
Jordan Valley
Camp Sparks
Fort McDermitt
Mountain City
Elko
Carlin
Pilot Peak
Battle Mountain
Cortez
Austin
Lander
Eureka
Pinto
Hamilton
Duck Water
Crow's Nest
Roberts Creek
Ruby Valley
Indian Springs
Belmont
Belleville
Columbus
Hawthorne
Walker Lake
Soda Springs
Aurora
Virginia City
Carson City
Genoa
Verdi
Reno
Wadsworth
Fort Defiance
Granite Pk.
White Plains
Lovelock
Humboldt City
Winnemucca
Golconda
Paradise Valley
Quinn River
Lake Abert
Warner
Christmas Lake
Guano Lake
Goose Lake
Alturas
Fort Bidwell
Lakeview
Chewaucan
Langell's Valley
Big Valley
Lassen
Susanville
Honey Lake
Eagle Lake
Mt. Shasta
Mt. Lassen
Mt. Hood
Mt. Diablo
Mt. Whitney
Mt. Tamalpais
Mt. Dana
Mt. Conness
Mt. Lyell
Mt. Shasta City
Dunsmuir
Redding
Red Bluff
Tehama
Chico
Oroville
Marysville
Yuba City
Sacramento
Folsom
Placerville
Auburn
Nevada City
Grass Valley
Colfax
Truckee
Lake Tahoe
Donner Lake
Sierra Valley
Quincy
Plumas
Indian Valley
Taylorville
Greenville
Susanville
Lassen
Modoc
Siskiyou
Trinity
Humboldt
Mendocino
Lake
Napa
Sonoma
Solano
Yolo
Sutter
Colusa
Glenn
Shasta
Marin
San Francisco
San Mateo
Santa Cruz
Monterey
San Benito
Santa Clara
Alameda
San Joaquin
Stanislaus
Calaveras
Tuolumne
Amador
El Dorado
Placer
Nevada
Sierra
Plumas
Lassen
Modoc
Del Norte
Klamath River
Trinity River
Eel River
Russian River
Sacramento River
San Joaquin River
Feather River
Yuba River
Owens Valley
Death Valley
Mojave Desert
Black Rock Desert
Humboldt Sink
Carson Sink
Pyramid Lake
Walker Lake
Mono Lake
Tulare Lake
Clear Lake
Lake Almanor
Lake Shasta
Crescent City
Eureka
Arcata
Ferndale
Fort Bragg
Mendocino
Point Arena
Bodega Bay
Petaluma
Santa Rosa
Healdsburg
Napa
Vallejo
Benicia
Martinez
Oakland
Alameda
San Francisco
San Rafael
Sausalito
Richmond
San Pablo
Berkeley
Hayward
San Leandro
San Mateo
Redwood City
Palo Alto
San Jose
Santa Cruz
Monterey
Salinas
Hollister
Gilroy
Watsonville
Capitola
Pacific Grove
Carmel
Big Sur
Santa Barbara
Ventura
Los Angeles
San Pedro
Long Beach
Pasadena
Glendale
Burbank
San Fernando
Santa Monica
Hollywood
Whittier
Pomona
San Bernardino
Riverside
Redlands
Colton
Ontario
Upland
Claremont
Azusa
Covina
Monrovia
Alhambra
San Gabriel
El Monte
Pasadena
Altadena
Sierra Madre
Arcadia
Temple City
Rosemead
Montebello
Whittier
La Habra
Fullerton
Anaheim
Santa Ana
Orange
Tustin
Irvine
Laguna Beach
Capistrano
San Clemente
Oceanside
Escondido
San Diego
National City
Chula Vista
Coronado
Imperial Beach
Otay
Tijuana
Mexico

CALIFORNIA
SCALE OF MILES
0 5 10 20 30 40 50 60 70
Longitude West from Washington
45
43
41
39
37
36
34
32
MONTEREY
SAN LUIS OBISPO
SANTA BARBARA
VENTURA
LOS ANGELES
ORANGE
SAN DIEGO
TULARE
KERN
SAN BERNARDINO
INYO
NEVADA
ARIZONA
LOWER CAL.
Point Conception
Santa Barbara Island
San Nicholas Island
San Clemente Island
Santa Catalina Island
San Miguel Island
Point Arguello
Point Sal
Point Pinos
Cypress Point
Carmelo Point
Point Lobos
Point Lucas
Piedra Blanca
Point Piedras Blancas
Point San Luis
Point Buchon
Point Arena
Point Reyes
Point Lobos
Point Bonita
Point Diablo
Point Tiburon
Point San Pedro
Point Pinole
Point Richmond
Point Isabel
Point Alameda
Point San Mateo
Point Montara
Point Pedro
Point Año Nuevo
Point Santa Cruz
Point Pinos
Point Lobos
Point Sur
Point Lucas
Point Piedras Blancas
Point San Luis
Point Buchon
Point Arguello
Point Sal
Point Conception
Point Dume
Point Vicente
Point Fermin
Point Loma


118
Longitude West from Greenwich
116
114
NEVADA
HUMBOLDT
LANDER
EUREKA
WHITE PINE
LINCOLN
NYE
ESMERALDA
MINERAL
LYON
CHURCHILL
STOREY
CARSON CITY
DOUGLAS
WASHOE
Mud Lake
Alkali Lake
Massacre Lake
Summit Lake
Camp McCarry
Crane Spr.
Willow Point
Winnemucca
Fairview
Stonehouse
Buffalo Valley
Antelope Spring
Humboldt
Star City
Oreana
Unionville
Pyramid Lake
Granite Point
Hot Spring
Oneida
Mirage
Fort Defiance
Wadsworth
Desert
Truckee
Verdi
Reno
Clarks
Valley Wells
Virginia Cy.
Gold Hill
Dayton
Mound House
Carson
Stillwater
Fallon
Salt Flat
Fabuska
Mason
Rio Vista
Genoa
Sheridan
Woodruff
Walker River
Wellington
Pine Grove
Cambridge
Washington
Sweetwater
Kinkead
Hawthorne
Luning
Bridgeport
Aurora
Bodie
Benton
Yo Semite
Mono Lake
Basalt
Summit
Columbus
Borax Marsh
Fish Lake
Belleville
Marietta
Candelaria
Salt
Borax Deposit
Excelsior Mts.
Mt. Hicks
Mt. Brawley
Mt. Warren
Clark's Sta.
Pioche
Eagle Valley
Panaca
Clover Valley
Hiko
Patterson
Emigrant Spring
Silver Spr Sta.
Bristol
Mile House
Crow's Nest
Tybo
Belmont
Hot Creek
Lower Town
Indian Spring
San Antonio
Antelope Spr.
Cloverdale
Big Smoky Valley
Monitor Range
Fish Lake Valley
White Pine Range
Sierra Valley
Warm Spring Valley
Ralston Valley
Ralston Desert
Alkali Flat
Black Mountain
Lava Fields
Dry Valley
Oasis Valley
Ash Meadows
Indian Spring Valley
Moapa River Indian Reserve
Moapa Agency
Muddy Springs
West Point
Mormon Well
St. Thomas
Dry Lake
Buckskin Range
Mesquite
Bunkerville
Grafton Peak
Cherry Creek
Schellbourne
Ruby Valley
Jarbidge
Gold Creek
Diamond
Alkali Flat
Duck Creek
Pleasant Valley
Newark
Alhambra
Hamilton
Eberhardto
Treasure City
Mineral City
Ely
Cleveland
Pierue
Muncy
Currant
Duck Water
Big Bull Spring
Wheeler Peak
Taylor
Gooper
Osceola
Snake Valley
Spring Valley
Goshute
Kinsley
Furber
Dolly Varden
Franklin Lake
Ruby Valley
Huntington Valley
Diamond Valley
Diamond Mts.
Roberts Mts.
Sulphur Springs
Cortez
Canyon
Bridge
Mt. Tenabo
Crescent Valley
Cortez Range
Horse Creek Valley
Pine Valley
Blackburns
Mineral
Alpha
Pine
Oak
Garden Pass
Lone Butte
Eureka
Ruby Hill
Pinto
Cave Rock Sta.
Vanderbilt
Hot Spring
Birch Creek Sta.
Geneva
Austin
Clifton
Amador
Caton's
Gravenwood
Vaughn's
Grass Valley
Reese River Valley
Simpson Park Mts.
Kingston
Canon City
Lander
Bunker Hill
Washington
San Juan
Midas
Ellsworth
Bay City
Boiling Spr
Pine Creek
Downeyville
Grantville
Gabbs Valley
Range
Cloverdale
Belmont
Hot Creek
Lower Town
Tybo
Indian Spring
San Antonio
Antelope Spr.
Carroll Pk.
Ralston Valley
Big Smoky Valley
Monitor Range
Fish Lake Valley
White Pine Range
Sierra Valley
Warm Spring

CHICAGO

REFERENCE TO FIGURES.

DEPOTS.

1 Chicago & Alton 5 E
2 Chi. Bur. & Quincy 5 E
3 Chi. Mil. & St. Paul 5 E
4 Chi. St. Louis & Pittsburg 5 E
5 Pitts. Ft. Wayne & Chi. 5 E
2 Illinois Central 7 D
3 Michigan Central 7 D
3 Chi. & North Western 6 D
4 Chi. R. I. & Pac. 6 E
5 L. S. & Mich. Sou. 6 E
5 N. Y. Chi. & St. Louis 6 E
5 Chicago & Atlantic 6 F
5 Chi. & Eastern Illinois 6 F
5 Chicago & Grand Trunk 6 F
5 Louisv. N. Albany & Chi. 6 F
5 Wab. St. Louis & Pac. 5 F
6 Baltimore & Ohio 6 E
6 Wisconsin Central 6 E

7 Court House 6 D
8 Post Office & Custom Ho. 6 E
9 New Board of Trade 6 E
10 Chamber of Commerce 6 D

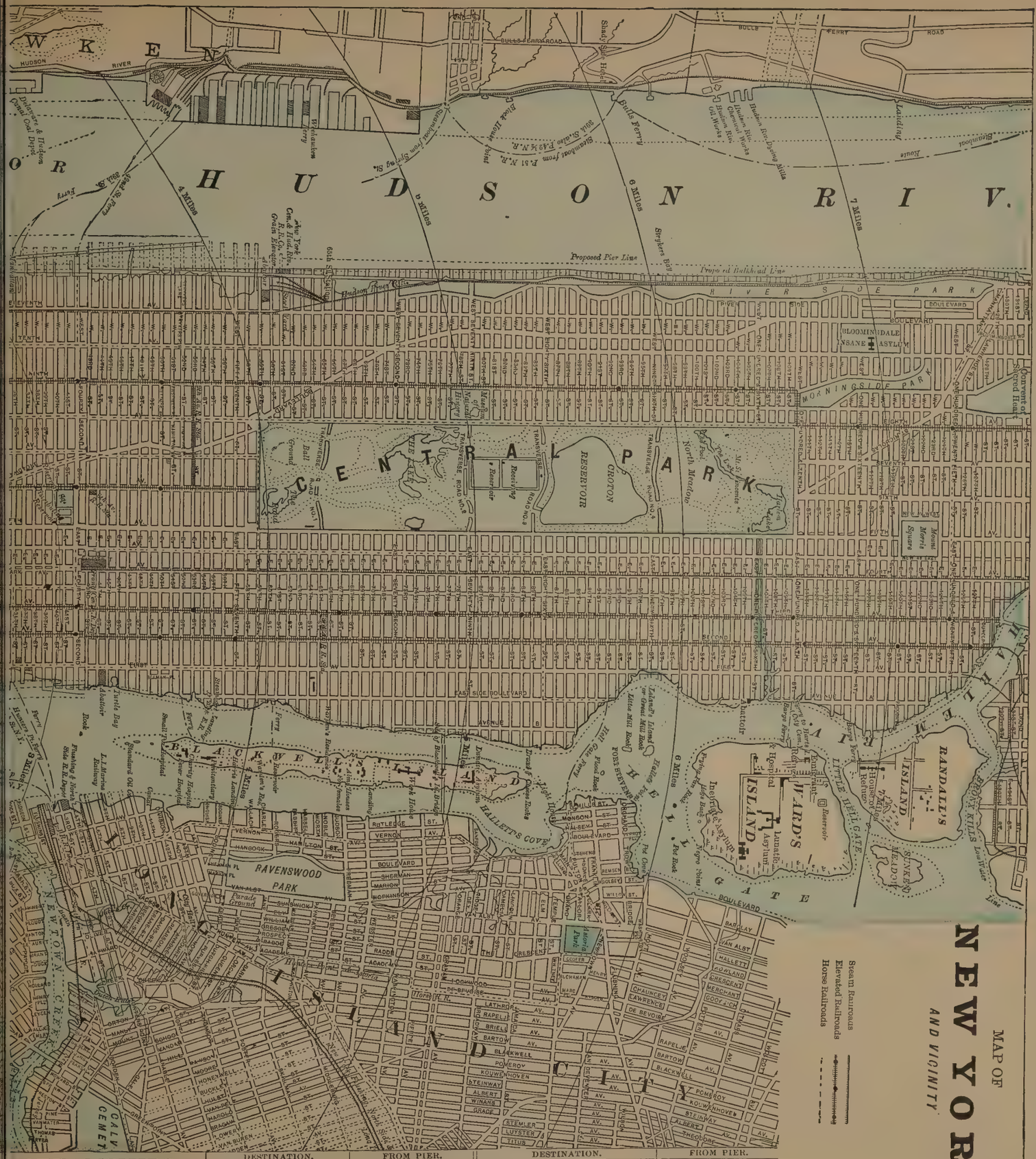
SOME OF THE PRINCIPAL HOTELS

11 Palmer House 6 E
12 Grand Pacific 6 E
13 Sherman 6 D
14 Merchants 6 D
15 Commercial 6 D
16 Tremont 6 D
17 Briggs 6 D
18 Ogden 6 D
19 Clifton 6 E
20 Crawford 6 E
21 Matteson 7 E
22 Leland 7 E

Steam Roads
Horse Roads

Proposed BREAK-WATER Extension
Proposed Extension
Water Works
Light House
Light House
Government Pier
Exposition Building
Light House
U.S. Southern Breakwater
Lake Park
Chicago River
North Branch
South Branch
East Branch of the South Branch
West Branch of the South Branch
Illinois & Michigan Canal
LAKE MICHIGAN
EAST
Union Stock Yards
Washington Park
Jackson Park
Oakwoods
Garfield Park
Douglas Boulevard
Central Boulevard
Humboldt Park
Sacramento Square
Logan Square
Lincoln Park
Chicago & North Western R.R.
Chicago & Alton R.R.
Chicago Grand Trunk R.R.
Chicago & St. Louis R.R.
Wisconsin Central R.R.
Illinois Central R.R.
Pitts. Ft. Wayne & Chi. R.R.
Chicago Trunk R.R.

HOBOKEN
WEEHAWKEN
HUDSON
JERSEY CITY
NORTH RIVER
EAST RIVER
NEW YORK BAY
BUTTERMILK CHANNEL
GOVERNOR'S ISLAND
ELLIS ISLAND
Fort Gibbon
Castle William
South Battery
Castle Garden
Emigrant Landing & Labor Exchange
Barge Office
Battery
Whitehall Ferry
South Ferry
Staten Island Ferry
Staten Island (North Shore) Ferry
Bay Ridge
Communipaw Ferry
Liberty St. Ferry
Jersey City Ferry
Barclay St. Ferry
Cortlandt St. Ferry
Desbrosses St. Ferry
Christopher St. Ferry
Hudson River Tunnel
Erie R.R. Depot
Erie R.R. Co. Ore Docks
Pennsylvania R.R. Depot
Pier Head Line
Harbor Commissioners Pier Head Line
Bulk Head Line
Harbor Com. Pier Line
Bulk Head Line
Pier Line
Light House Depot
U.S. Coal Dock
U.S. Foundry
Navy Yard
Wallabout Bay
Roosevelt St. Ferry
Grand St. Ferry
Southern R.R.
3rd St. Ferry
Broadway Ferry
Green Point Ferry
Bushwick Inlet
Newtown Creek
Hunter's Pt.
Ferry to Long Island City
Ferry to 10th St. N.Y.
Ferry to Blackwells, Randall's & Harts Is.
Ferry to Jackson St.
Ferry to Foot of Chambers St.
Atlantic Basin
Commercial Wharf
South Pier
North Pier
Prospect Park
Prospect Park Station
Flatbush Avenue
Fulton Ferry
Hamilton Ferry
Ferry for Hamilton Ave.
Ferry for Atlantic Docks
Ferry for Bridge St.
Ferry for Wall St.
Ferry for Fulton St.
Ferry for Whitehall St.
Ferry for Barclay St.
Ferry for Cortlandt St.
Ferry for Desbrosses St.
Ferry for Christopher St.
Ferry for Jersey City
Ferry for Hoboken
Ferry for Weehawken
Ferry for Erie Railway Passenger Station
Ferry for Barclay St.
Ferry for Cortlandt St.
Ferry for Desbrosses St.
Ferry for Christopher St.
Ferry for Jersey City
Ferry for Hoboken
Ferry for Weehawken
Ferry for Erie Railway Passenger Station
1 Mile
1 Mile from City Hall
2 Miles
3 Miles
Jersey City
Ferry to
Erie R.R. Co. Oil Docks
Castle Point
Hoboken Docks
Hoboken Ferry Co.
Hoboken Land & Improvement Co.
Hoboken Ferry

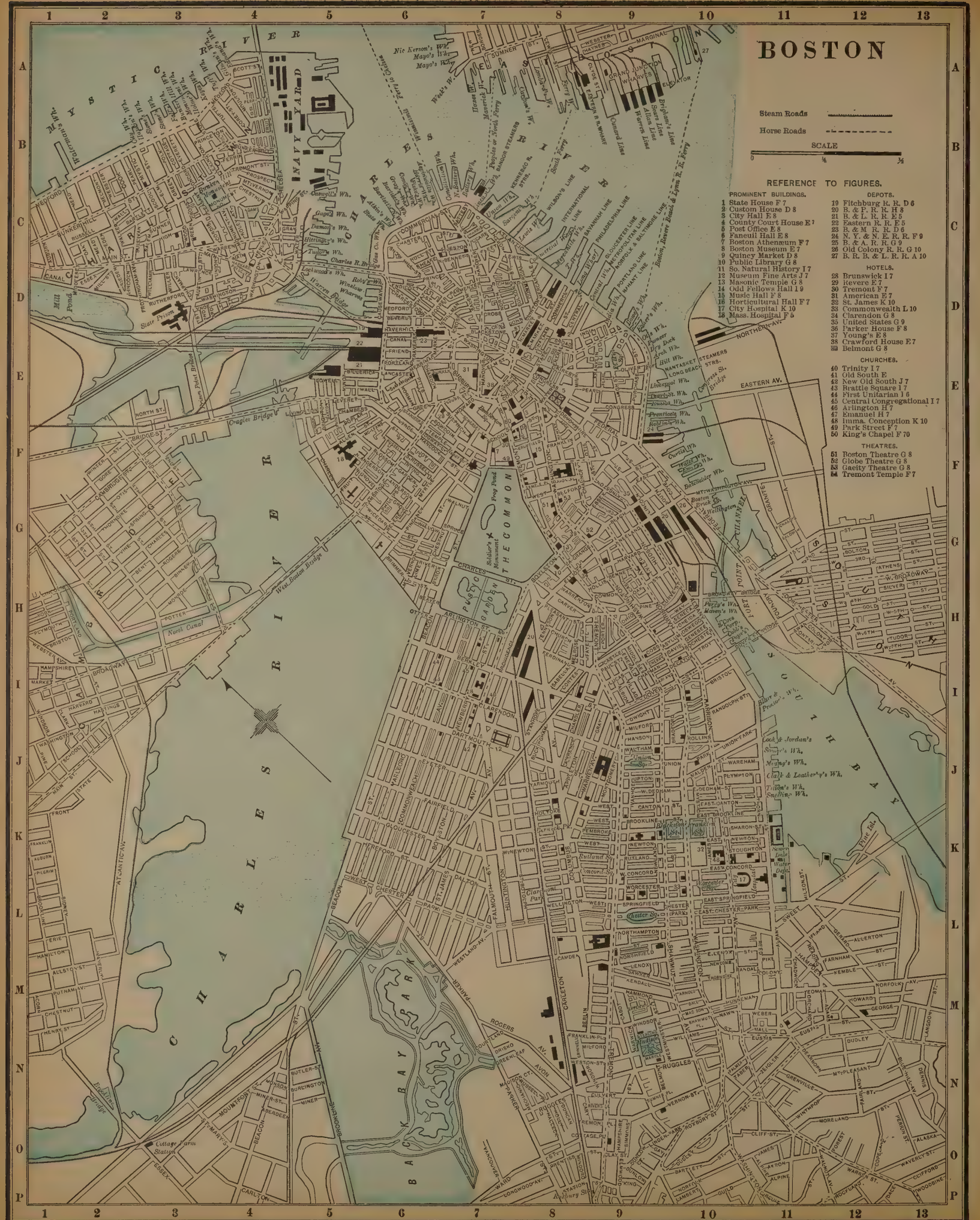


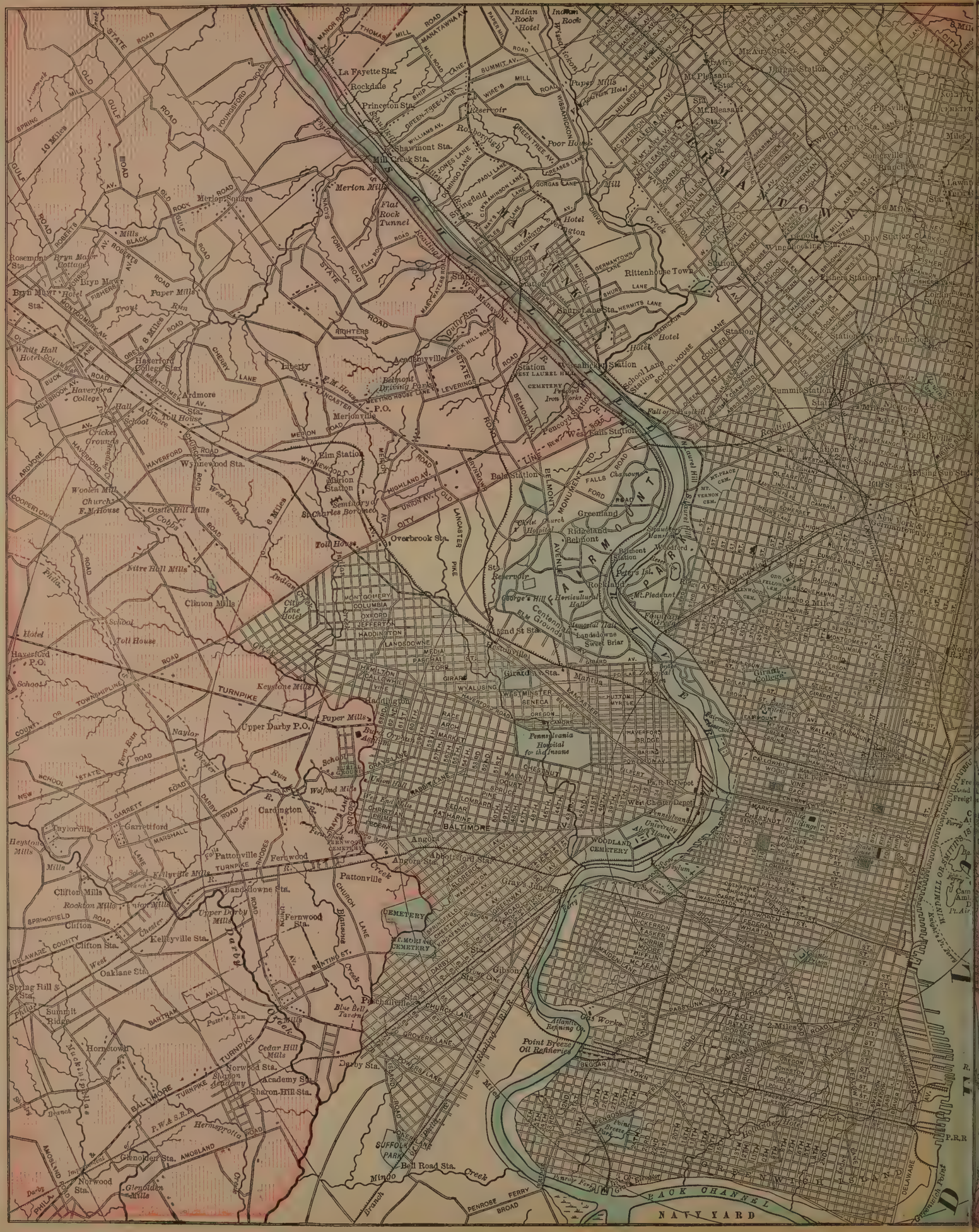
STEAMSHIPS.

ION.	FROM PIER.
outhampton....	3d St., Hoboken.
nd Havre.....	46 N. B., King St.
wall and Pana-	
pulco and Man-	
ting at Panama	
r S. Pacific and	
San Francisco,	
and Japan.]...	42 N. R., Canal St.
wall and Pana-	
Panama with	
Francisco.....	42 N. R., Canal St.
.....	29 North River.
.....	20 E. R., Burling Slip.
town.....	20 North River.
Londonderry...	20 N. R., Dey St.

DESTINATION.	FROM PIER.
Glasgow, via Belfast.....	1st St., Hoboken.
Hamburg, via Plymouth and Cherbourg.....	3d St., Hoboken.
Halifax.....	10 North River.
Havana.....	3 North River.
Havana.....	13 North River.
Liverpool, via Queenstown (Cunard Line).....	Cunard Dock, J'y City.
Liverpool, via Queenstown	46 N. R., King St.
Liverpool, via Queenstown	45 N. R., Charlton St.
Liverpool, via Queenstown	47 N. R., W. Houston St.
Liverpool, via Halifax and Queenstown.....	45 N. R., Charlton St.
London.....	44 or 47 North River.
Mobile, Ala., via Fernandina, Fla., and Florida R. R.....	20 East River.
Nassau, N. P.....	12 North River.
Newberne, N. C.....	15 E. R., Wall St.

DESTINATION.	FROM PIER.
New Orleans, via Havana.....	36 N. R., N. Moore St.
New Orleans.....	37 North River.
New Orleans (Cromwell's Line)....	9 N. R., Rector St.
Norfolk, City Point and Richmond	37 N. R., Beach St.
Portland, Me.....	38 E. R., Market St.
Philadelphia.....	33 East River.
Rio Janeiro, via St. Thomas, Para, Pernambuco and Bahia.....	Watson's Pier, B'klyn.
Savannah.....	16 North River.
Savannah.....	12 North River.
Savannah.....	43 North River.
Savannah.....	16 E. R., Wall St.
Southampton.....	3d St., Hoboken.
Turk's Island.....	12 North River.
Vera Cruz.....	3 North River.
Washington and Georgetown, D. C., and Alexandria, Va.....	41 East River.
Wilmington, N. C.....	13 East River.
Wilmington, Del.....	12 East River.


BOSTON
Steam Roads
Horse Roads
SCALE
REFERENCE TO FIGURES.
PROMINENT BUILDINGS.
1 State House F 7
2 Custom House D 8
3 City Hall E 8
4 County Court House E 7
5 Post Office E 8
6 Faneuil Hall E 8
7 Boston Athenæum F 7
8 Boston Museum E 7
9 Quincy Market D 8
10 Public Library G 8
11 So. Natural History I 7
12 Museum Fine Arts J 7
13 Masonic Temple G 8
14 Odd Fellows Hall I 9
15 Music Hall F 8
16 Horticultural Hall F 7
17 City Hospital K 10
18 Mass. Hospital F 6
DEPOTS.
19 Fitchburg R. R. D 6
20 B. & P. R. R. H 8
21 R. & L. R. R. E 5
22 Eastern R. R. E 5
23 B. & M. R. R. D 6
24 N. Y. & N. E. R. R. F 9
25 B. & A. R. R. G 9
26 Old Colony R. R. G 10
27 B. R. B. & L. R. R. A 10
HOTELS.
28 Brunswick I 7
29 Revere E 7
30 Tremont F 7
31 American E 7
32 St. James K 10
33 Commonwealth L 10
34 Clarendon G 8
35 United States G 9
36 Parker House F 8
37 Young's E 8
38 Crawford House E 7
39 Belmont G 8
CHURCHES.
40 Trinity I 7
41 Old South E
42 New Old South J 7
43 Brattle Square I 7
44 First Unitarian I 6
45 Central Congregational I 7
46 Arlington H 7
47 Emanuel H 7
48 Imma. Conception K 10
49 Park Street F 7
50 King's Chapel F 70
THEATRES.
51 Boston Theatre G 8
52 Globe Theatre G 8
53 Gaeity Theatre G 8
54 Tremont Temple F 7
MYSTIC RIVER
CHARLES RIVER
BACK BAY
THE COMMON
Public Garden
NAVY YARD
Mill Pond
Mill Creek
Charles River Bridge
Warren Bridge
Craigie Bridge
West Boston Bridge
North Canal
Broadway Bridge
Dover St. Bridge
Northern Av.
Eastern Av.
Fort Point Channel
Old Harbor
Dorchester Bay
Pine Isl.
Cottage Farm Station
Back Bay Station
Roxbury Station
Nic Kerson's Wh.
Mayo's Wh.
Wade's Wh.
Maverick's Wh.
Boston & Maine R. R. Ferry
Chelsea Ferry
Winnisimmet Ferry
People's or North Ferry
Kennebec R. Strs.
South Ferry
Wilson's Line
International Line
Savannah Line
Philadelphia Line
Gloucester Line
Metropolitan Line
Norfolk & Baltimore Line
Portland Line
Nahant Line
Boston, Revere Beach & Lynn R. R. Ferry
Nantasket Steamers
Long Beach Strs.
Liverpool Wh.
Prentiss Wh.
Rolling's Wh.
Curtis Wh.
Foster Wh.
Battelle's Wh.
Clark & Jordan's Wh.
Simpson's Wh.
Young's Wh.
Clark & Leather's Wh.
Tilton's Wh.
Snelling's Wh.
Blair & Prentiss' Wh.
Grand Junction Wharves
Elevator
Eastern R. R. Co.
Boston & Lowell R. R.
Concord Line
Sears Line
Warren Line
Allen Line
Brigham's Line
Old Colony R. R.
Boston & Providence R. R.
Boston & Albany R. R.
Boston & Worcester R. R.
Fitchburg R. R.
Lowell R. R.
Boston & Maine R. R.
Boston & Lowell R. R.
Lowell R. R.
Fitchburg R. R.
Boston & Maine R. R.
Eastern R. R.
Boston & Maine R. R.
Old Colony R. R.
Boston & Albany R. R.
Boston & Worcester


Merion Square
Merion Mills
Flat Rock Tunnel
Merion Station
Elm Station
Wynnewood Sta.
Overbrook Sta.
Clinton Mills
Haverford P.O.
Upper Darby P.O.
Paper Mills
Cardington
Angora
Pattonville
Fernwood
Clifton Mills
Kellyville Sta.
Clifton Sta.
Oakland Sta.
Darby Sta.
Gibson Sta.
Point Breeze Oil Refineries
Bell Road Sta.
Glenolden Sta.
Norwood Sta.
Sharon Hill Sta.
Academy Sta.
Norwood Sta.
Rittenhouse Town
Shurs Lane Sta.
Germantown
Mt. Airy Sta.
Mt. Pleasant Sta.
Indian Rock Hotel
Princeton Sta.
Rockdale
La Fayette Sta.
Shawmont Sta.
Mill Creek Sta.
Roxborough
Manayunk
Wissahickon
Summit Station
Wissahickon Station
Fairmount Park
Girard Sta.
Girard College
Penna. Hospital for the Insane
Pa. R.R. Depot
West Chester Depot
Woodland Cemetery
Laurel Hill Cemetery
Monument Road
Belmont
Ridgeland
Greenland
Belmont Station
Peter's Isl.
Rockland
Mt. Pleasant
Centennial Grounds
Memorial Hall
Horticultural Hall
Lansdowne
Sweet Briar
Media
Haddington
Overbrook
Wynnewood
Ardmore
Haverford College
Merion
Bala
Belmont Driving Park
Belmont Iron Works
Conshohocken
Norristown
Delaware River
Schuylkill River
Back Channel
Navy Yard
Penrose Ferry
Broad
Passyunk
Point Breeze
Gray's Ferry
Darby Creek
Cobbs Creek
Indian Creek
Mill Creek
Pennypack Creek
Wissahickon Creek
Schuylkill
Lancaster Pike
Baltimore Turnpike
Darby Road
Haverford Road
Lancaster Road
Germantown Road
Ridge Road
Girard Avenue
Market
Chestnut
Walnut
Spruce
Pine
Lombard
Cedar
Catharine
Bainbridge
South
Fitzwater
Christian
Federal
Washington
Snyder
Passyunk Avenue
Broad Street
Penrose Ferry Bridge
Delaware River Bridge
Schuylkill Navy Yard
Point Breeze Gas Works
Atlantic Refining Co.
Gibson
Darby
Glenolden
Norwood
Sharon Hill
Academy
Norwood
Bell Road
Suffolk Park
Mingo
Creek
Branch
Run
Mills
Hotel
Station
Cemetery
Church
School
Toll House
Inn
Tavern
Blue Ball Tavern
Cricket Grounds
Golf Links
Polo Grounds
Driving Park
Iron Works
Water Works
Gas Works
Refineries
Hospital
Seminary
Academy
Institute
College
Depot
Bridge
Ferry
Tunnel
Reservoir
Park
Square
Avenue
Road
Lane
Drive
Pike
Turnpike
Boulevard
Monument Road
Belmont Avenue
Fairmount Park
Schuylkill River
Delaware River
Back Channel
Navy Yard
Penrose Ferry
Broad
Passyunk
Point Breeze
Gray's Ferry
Darby Creek
Cobbs Creek
Indian Creek
Mill Creek
Pennypack Creek
Wissahickon Creek
Schuylkill
Lancaster Pike
Baltimore Turnpike
Darby Road
Haverford Road
Lancaster Road
Germantown Road
Ridge Road
Girard Avenue
Market
Chestnut
Walnut
Spruce
Pine
Lombard
Cedar
Catharine
Bainbridge
South
Fitzwater
Christian
Federal
Washington
Snyder
Passyunk Avenue
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Driving Park
Iron Works
Water Works
Gas Works
Refineries
Hospital
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Academy
Institute
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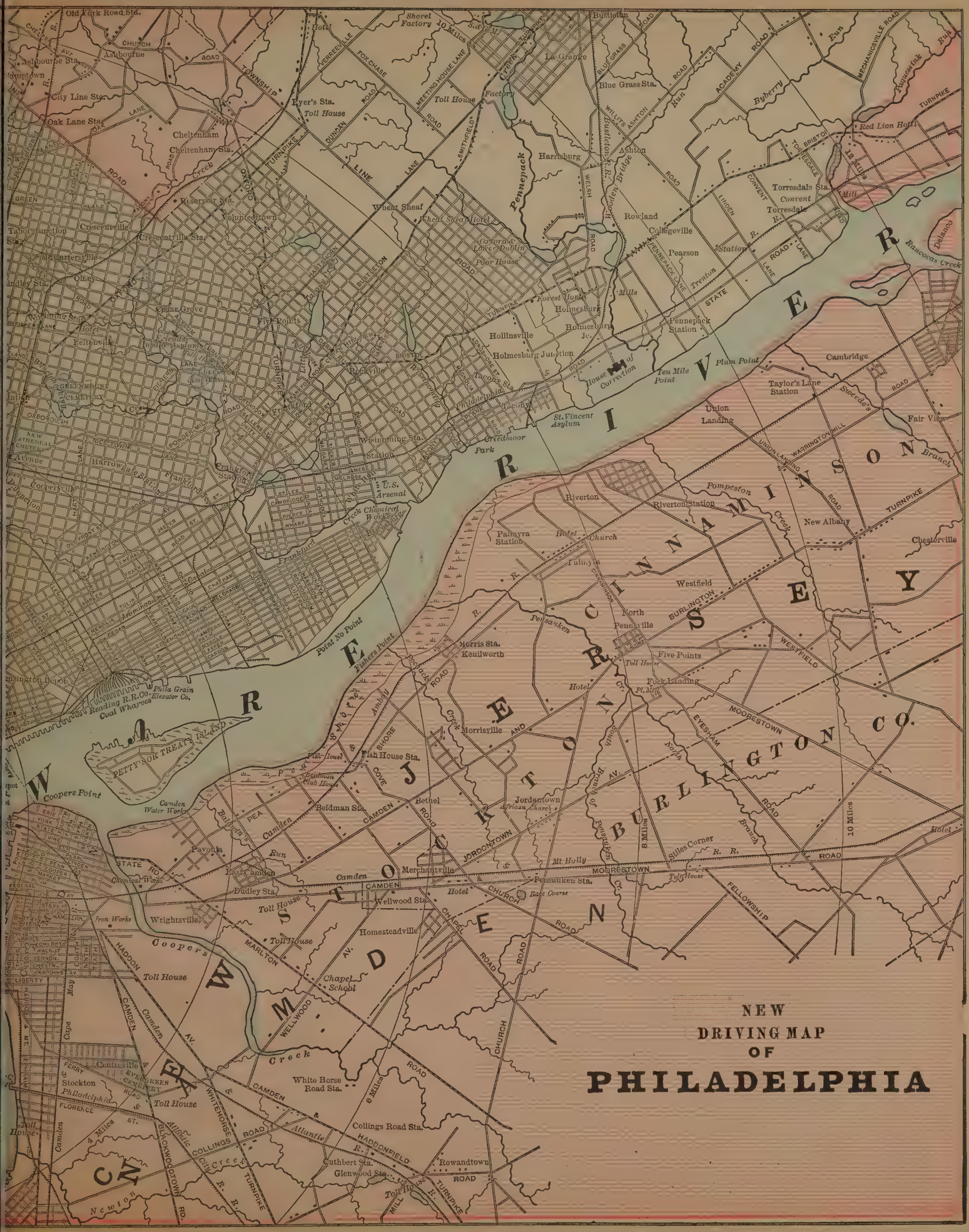
Depot
Bridge
Ferry
Tunnel
Reservoir
Park
Square
Avenue
Road
Lane
Drive
Pike
Turnpike
Boulevard


NEW
DRIVING MAP
OF
PHILADELPHIA

MEXICO, CUBA
AND
CENTRAL AMERICA
CONTINUATION OF
THE WEST INDIES
SCALE OF MILES
0 60 120 180 240 300
Mexico ____ Pop. 9,276,079 Area 846,615
Central America ____ 2,828,164 ____ 183,369
West Indies ____ 4,316,178 ____ 92,248
Longitude West from Greenwich
Longitude East from Washington
Longitude West from Washington
Tropic of Cancer
GULF OF MEXICO
CARIBBEAN SEA
PACIFIC OCEAN
ATLANTIC OCEAN
UNITED STATES
TEXAS
FLORIDA
CHIHUAHUA
DURANGO
ZACATECAS
SAN LUIS POTOSI
NUEVO LEON
TAMAULIPAS
JALISCO
MICHOACAN
GUERRERO
OAXACA
CHIAPAS
YUCATAN
CAMPECHE
TABASCO
VERA CRUZ
TAMPICO
MEXICO
GUATEMALA
HONDURAS
NICARAGUA
COSTA RICA
PANAMA
CUBA
JAMAICA
HAVANA
S. AMERICA

CUBA
AND THE
BAHAMA ISLANDS
SCALE OF MILES
0 25 50 75 100 125 150
Longitude West from Greenwich
Longitude from Washington
West
East
FLORIDA
BAHAMA ISLANDS
GULF OF FLORIDA
GREAT BANK OF BAHAMA
CUBA
JAMAICA
HAITI OR ST. DOMINGO
DOMINICA
WINDWARD PASSAGE
CROOKED ISL. PASSAGE
MARIGUANA PASSAGE
CAYCOS PASSAGE
Titusville
Tampa
Bartow
Pine Level
Miami
Key West
Tortugas Is.
Tortugas Bank
Havana
Matanzas
Cardenas
Trinidad
Cienfuegos
Santiago
Guantanamo
Port Antonio
Kingston
Port Royal
Montego Bay
Santo Domingo
Cape Haitien
Port au Prince
Gonaives
Puerto Plata
Santiago
La Vega
Cotuy
Samana
Monte Cristi
Isl. Saona
Caicos Is.
Turks Is.
Mariguana or Mogone Isl.
Crooked Is.
Acklin's Isl.
Long Isl. or Yumi
Exuma Isl.
Watling Isl.
San Salvador, Cat Island or Guanahani
Eleuthera or Ethera Isl.
Abaco
Grand Bahama
Andros Isl.
New Providence
Berry Is.
Bimini Isl.
Great Isaac
Little Isaac
Gt. Abaco
Little Abaco
Gt. Harbour
Hole in the Rock
Current Isl.
Harbour Isl.
James Pt.
Palmetto Pt.
Alabaster Rocks
Ship Chan.
Powells Pt.
Lit. Sam Salvador Isl.
Columbus Pt.
Southampton Reef
White Rock
Hawkes Nest Pt.
Concepcion Isl.
Lee Stocking Isl.
Whale Pt.
Ruin Key
Beacon
Samana or Atwood Key
Harbour Isl.
Pittstown
Jamaica K.
Man of War Key
Diana Shoal
Miraporvos
Ragged Is.
Castle Isl. or Acklins R.
Shoal
Co. Verde
Gt. Rock
Mariguana or Mogone Isl.
Mogone
Gd. Turk or Great K. & Hawks Nest
East K.
Salt K.
Sand Key
Abrecjos or Panuelo Quadrado or Square Handkerchief
Bank
Bajo de Plata or Silver Keys
Bajo Navideel
Caicos
The Keys or Caycos
Lit. Key or W. Caycos
French Key
Sandy Key
Carmichael Pt.
Ocean N.E. Pt.
Man of War Bay
Gr. Inague
Stattira Shoal
S.W. Pt.
Endymion Reef
Abraham's Bay
Ft. George de Isl. Finds
Isl. Providenciales
Malcolm Road
North Key
Joseph Deep Hole
Great Key or Cayco
Corrales or Hogsties
Little Inague
Gt. Rock
Crooked Isl.
Flamingo
Water K.
Salt Lag P.
Gt. Exuma Isl.
Lit. Exuma Isl.
Long Isl. or Yumi
Harbor
High Key
Jumentos Keys
los Jumentos
High K.
Man of War K.
Ragged Is.
Co. Guinchos
Co. Lobos
Mucaras
Pt. Diamante
Silla
Co. Verde
Co. S. Domingo
S. Vincents
Corrales or Hogsties
Lit. Key or W. Caycos
Little Inague
French Key
Sandy Key
Carmichael Pt.
Ocean N.E. Pt.
Man of War Bay
Gr. Inague
Stattira Shoal
S.W. Pt.
Endymion Reef
Abrecjos or Panuelo Quadrado or Square Handkerchief
Bank
Bajo de Plata or Silver Keys
Bajo Navideel
Caicos
The Keys or Caycos
Lit. Key or W. Caycos
French Key
Sandy Key
Carmichael Pt.
Ocean N.E. Pt.
Man of War Bay
Gr. Inague
Stattira Shoal
S.W. Pt.
Endymion Reef
Abraham's Bay
Ft. George de Isl. Finds
Isl. Providenciales
Malcolm Road
North Key
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Great Key or Cayco
Corrales or Hogsties
Little Inague
Gt. Rock
Crooked Isl.
Flamingo
Water K.
Salt Lag P.
Gt. Exuma Isl.
Lit. Exuma Isl.
Long Isl. or Yumi
Harbor
High Key
Jumentos Keys
los Jumentos
High K.
Man of War K.
Ragged Is.
Co. Guinchos
Co. Lobos
Mucaras
Pt. Diamante
Silla
Co. Verde
Co. S. Domingo
S. Vincents
Corrales or Hogsties
Lit. Key or W. Caycos
Little Inague

Longitude West 80 70 60 50 40
CARIBBEAN SEA
WEST INDIA ISLANDS
ATLANTIC OCEAN
VENEZUELA
CARACAS
GEORGETOWN
BRITISH GUIANA
DUTCH GUIANA
FRENCH GUIANA
CAYENNE
UNITED STATES OF COLOMBIA
BOGOTA
ECUADOR
QUITO
Cotopaxi 18,876
Chimborazo 21,424
PERU
BRAZIL
AMAZONAS
PARA
MARANHAO
PIAUHY
CEARA
RIO GRANDE DO NORTE
PARAHIBA
PERNAMBUCO
ALAGOAS
SERGIPE
BAHIA
MATTO GROSSO
GOYAZ
MINAS GERAES
BOLIVIA
SUCRE
LIMA
Region of Woods
Plain of Mojos
PLATEAU OF MATTO GROSSO
Gran Chaco Oriental
Desert
MOUTHS of the RIVER AMAZON,
GALAPAGOS ISLANDS
Amazon
Orinoco River
Rio Negro
Rio Madeira
Rio Tapajos
Rio Xingu
Rio Tocantins
Rio S. Francisco
Rio Parana
Rio Doce
Rio Grande
Rio Pardo
Rio Paraguay
Rio Guapore
Rio Tapajos
Rio Purus
Rio Jurua
Rio Ucayali
Rio Beni
Rio Mamore
Rio Pilcomayo
Rio Bermejo
Rio Salado
Rio Dulce
Rio Colorado
Rio Negro
Rio Chubut
Rio Deseado
Rio Santa Cruz
Rio Gallegos
Rio Chico
Rio Coig
Rio Gallegos
Rio Chico
Rio Coig

SOUTH AMERICA
ARGENTINE REPUBLIC
CHILE
PARAGUAY
URUGUAY
BRAZIL
BOLIVIA
PERU
PACIFIC OCEAN
ATLANTIC OCEAN
SOUTH ATLANTIC OCEAN
GRAN CHACO
CHACO DEL MEDIO
PAMPAS
PATAGONIA
TERRITORY
FALKLAND ISLANDS
SOUTH GEORGIA
ARCHIPELAGO OF TIERRA DEL FUEGO
STRAIT OF MAGELLAN
RIO DE LA PLATA
RIO GRANDE DO SUL
BUENOS AYRES
CORRIENTES
ENTRE RIOS
SANTA CATHARINA
SANTIAGO
CATAMARCA
RIOJA
SAN JUAN
MENDOZA
SAN LUIS
CORDOVA
SALTA
JUJUY
TUCUMAN
SANTIAGO DEL ESTERO
CHUBUT
RIO NEGRO
SCALE OF MILES
0 50 100 200 300 400 500
Population 36,061,000
Area, square miles 7,196,158
Longitude from Washington.
West
East

EUROPE

TURKEY IN ASIA MINOR

BLACK SEA

MEDITERRANEAN SEA

ATLANTIC OCEAN

ARCTIC OCEAN

GREAT BRITAIN

IRELAND

FRANCE

SPAIN

PORTUGAL

ITALY

SWITZERLAND

GERMANY

AUSTRIA

HUNGARY

RUSSIA

SWEDEN

NORWAY

DENMARK

HOLLAND

BELGIUM

CORSICA

SARDINIA

SICILY

CRETE

CONSTANTINOPLE

ATHENS

BAY OF BISCAY

Longitude West from Greenwich 0

Longitude East from Greenwich 40

SCALE OF MILES

Area, Sq. miles, 3,822,320

Population 309,178,300

ENGLAND AND WALES

SCALE OF MILES

0 10 20 30 40 50 60

Population 23,944,459

Area square miles 58,311

Longitude West 2° from Greenwich

Longitude East 75 from Washington

SCOTLAND

NORTH SEA

IRISH SEA

BRISTOL CHANNEL

ENGLISH CHANNEL

NORTH CHANNEL

ST. GEORGE'S CHANNEL

IRELAND

EDINBURGH

NORTHUMBERLAND

CUMBERLAND

DURHAM

WESTMORLAND

YORKSHIRE

LANCASHIRE

CHESHIRE

DERBY

NOTTINGHAM

LINCOLN

NORFOLK

SUFFOLK

ESSEX

KENT

SURREY

SUSSEX

HANTS

WILTS

DORSET

DEVON

CORNWALL

SOMERSET

GLOUCESTER

MONMOUTH

HEREFORD

WORCESTER

WARWICK

LEICESTER

RUTLAND

STAFFORD

SALOP

HUNTINGDON

BEDFORD

MIDDLESEX

LONDON

BERKS

OXFORD

BUCKS

NORTHAMPTON

CAMBRIDGE

HOLLAND

THE WASH

BRECKNOCK

RADNOR

CARDIGAN

CARMARTHEN

PEMBROKE

GLAMORGAN

CARNARVON

DENBIGH

FLINT

MERIONETH

MONTGOMERY

ANGLESEA

ISLE OF MAN

Lake Windermere

Lake Coniston

Lake Derwent

Lake Ullswater

Lake Thirlmere

Lake Buttermere

Lake Crummock

Lake Ennerdale

Lake Wastwater

Lake Bala

Lake Vyrnwy

Lake Llanwddyn

Lake Llyn Tegid

Lake Llyn Peris

Lake Llyn Padarn

Lake Llyn Llydaw

Lake Llyn Cwellyn

Lake Llyn Ogwen

Lake Llyn Idwal

Lake Llyn Dinas

Lake Llyn Gwynant

Lake Llyn Mymbyr

Lake Llyn Quellyn

Lake Llyn Nantlle

Lake Llyn Cwm Dulyn

Lake Llyn Llydaw

Lake Llyn Peris

Lake Llyn Padarn

LONDON
(ENGLAND)
HAMMERSMITH
KENSAL GREEN
HARLESDEN GREEN
ACTON
EAST ACTON
People's Park
Cem.
Mill Hill Common
Willesden Junction
Marylebone Infirmary
Lawn Club
Bowling Ground
Wormholt Fm.
Thorpebank
Byrnan Fm.
Sherbert Fm.
Stamford Brook
Turnham Green
Chiswick Mall
Chiswick House
Little Sutton
Castelnau
Barnes Common
Barnes Pond
Barnes Cemetery
Putney Common
Fulham Palace
William Green
Hurlingham
Parsons Green
Walham Green
Earls Court
Kensington Gardens
Hyde Park
Marble Arch
Paddington Cemetery
Lord's Cricket Ground
Regent's Park
Primrose Hill
Hampstead
Finchley Road
Edgware Road
Bayswater Hill
Bayswater Road
Notting Hill
Shepherd's Bush
Wormwood Scrubbs
Mortlake
Richmond
Kew
Kew Gardens
Kew Bridge
Brentford
Ealing
Hanwell
Chiswick
Hammersmith Bridge
Putney Bridge
Wandsworth
Battersea
Battersea Park
Chelsea
Kensington
Paddington
Willesden
Harlesden
Acton
Ealing
Hanwell
Brentford
Kew
Richmond
Mortlake
Barnes
Putney
Fulham
Hammersmith
Chiswick
Turnham Green
Shepherd's Bush
Notting Hill
Bayswater
Paddington
Kensington
Chelsea
Battersea
Wandsworth
Hampstead
Finchley Road
Primrose Hill
Regent's Park
Marble Arch
Hyde Park
Kensington Gardens
Earls Court
Walham Green
Parsons Green
Hurlingham
Fulham Palace
Putney Common
Barnes Common
Barnes Pond
Barnes Cemetery
Castelnau
Little Sutton
Chiswick Mall
Chiswick House
Turnham Green
Stamford Brook
Byrnan Fm.
Thorpebank
Wormholt Fm.
Lord's Cricket Ground
Paddington Cemetery
People's Park
Mill Hill Common
Willesden Junction
Marylebone Infirmary
Lawn Club
Bowling Ground
Sherbert Fm.
Bayswater Hill
Bayswater Road
Notting Hill
Shepherd's Bush
Wormwood Scrubbs
Mortlake
Richmond
Kew
Kew Gardens
Kew Bridge
Brentford
Ealing
Hanwell
Chiswick
Hammersmith Bridge
Putney Bridge
Wandsworth
Battersea
Battersea Park
Chelsea
Kensington
Paddington
Willesden
Harlesden
Acton
East Acton
Harlesden Green
Kensal Green
Hammersmith
Acton
East Acton
Harlesden Green
Kensal Green

PARK
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Longitude West from Greenwich
Longitude East from Washington
SCOTLAND
IRELAND
ATLANTIC OCEAN
NORTH SEA
IRISH SEA
HEBRIDES
OUTER HEBRIDES
INNER HEBRIDES
SUTHERLAND
CAITHNESS
ROSS
CROMARTY
INVERNESS
NAIRN
MORAY
BANFF
ELGIN
ABERDEEN
KINCARDINE
FORFAR
PERTH
ARGYLL
KINROSS
FIFE
STIRLING
DUMBARTON
LINLITHGOW
EDINBURGH
HADDINGTON
BERWICK
LANARK
RENFREW
AYR
SELKIRK
ROXBURGH
PEEBLES
DUMFRIES
KIRKCUDBRIGHT
WIGTON
Cape Wrath
Butt of Lewis
Flannan Is. or 7 Hunters
Barra Head
Mull of Kintyre
Mull of Galloway
Malin Head
Lough Foyle
Giants Causeway
Rathlin Is.
Fair Head
Mull of Cantire
Ailsa Craig
Kilmory
Campbeltown
Girvan
Ayr
Troon
Prestwick
Irvine
Ardrossan
Saltcoats
Largs
Greenock
Dumbarton
Glasgow
Paisley
Renfrew
Rothesay
Inchmarnock
Holy Isl.
Arran
Goat Fell
Ailsa Craig
Lamlash
Brodick
Whithorn
Wigtown
Stranraer
Portpatrick
Stoneykirk
Glenluce
Port William
Kirkmaiden
Luce Bay
Solway Firth
Carlisle
Silloth
Longtown
Gretna
Annan
Dumfries
Lockerbie
Ecclefechan
Moffat
Langholm
Hawick
Jedburgh
Kelso
Coldstream
Berwick
Tweedmouth
Eyemouth
St. Abbs Head
Dunbar
North Berwick
Bass Rock
Isle of May
Anstruther
Crail
Fife Ness
St. Andrews
Leuchars
Tay Bridge
Dundee
Arbroath
Montrose
Lunan Bay
Red Head
Bell Rock
Buddon Ness
Stonehaven
Dunnottar Castle
Aberdeen
Girdle Ness
Peterhead
Buchan Ness
Fraserburgh
Kinnaird Head
Banff
Macduff
Cullen
Portsoy
Buckie
Findhorn
Nairn
Inverness
Fort George
Fort William
Oban
Mull
Iona
Staffa
Tobermory
Colonsay
Islay
Jura
Gigha
Arran
Skye
Harris
Lewis
North Uist
Benbecula
South Uist
Barra
Eriskay
Canna
Rona
Raasay
Scalpay
Pabbay
Berneray
Vatersay
Sandray
Pentland Firth
John O'Groat's Ho.
Dunnet Head
Duncansby Head
Stroma
Hoy
S. Ronaldsha
Thurso
Wick
Castle Town
Keiss
Sinclair Bay
The Noss
Wick Bay
Clyth Ness
Berriedale Head
Ord of Caithness
Helmsdale
Latheron
Lybster
Brora
Golspie
Dornoch Firth
Tarbat Ness
Portmahomack
Cromarty
Burghead
Lossiemouth
Gamrie
Rattray Head
Peterhead
Deer
Buchan Ness
Buller of Buchan
Fraserburgh
Inverurie
Old Meldrum
Newburgh
Ellon
Tarland
Aboyne
Ballater
Braemar
Balmoral
Dunnottar Castle
Montrose
Arbroath
Carnoustie
Broughty Ferry
Dundee
Tay Bridge
Ferry Port on Craig
Newport
Wormit
Tayport
Red Head
Lunan Bay
Forfar
Kirriemuir
Glamis
Alyth
Blairgowrie
Coupar Angus
Perth
Scone
Methven
Crieff
Dunkeld
Aberfeldy
Kenmore
Loch Tay
Loch Rannoch
Schiehallion
Loch Tummel
Pitlochry
Killiecrankie
Blair Atholl
Dalnacardoch
Loch Ericht
Ben Alder
Ben Nevis
Fort William
Loch Linnhe
Loch Eil
Corpach
Caledonian Canal
Loch Lochy
Loch Oich
Fort Augustus
Loch Ness
Urquhart Castle
Drumnadrochit
Glen Urquhart
Glen Moriston
Loch Morar
Loch Shiel
Glenfinnan
Arisaig
Mallaig
Skye
Portree
Dunvegan
Loch Snizort
Loch Portree
Loch Staffin
Quiraing
Kilmuir
Staffin
Uig
Loch Roag
Stornoway
Tarbert
Loch Seaforth
Loch Resort
Loch Erisort
Loch Tarbert
Loch Shell
Loch Scaforth
Loch Hourn
Loch Nevis
Loch Morar
Loch Eil
Loch Linnhe
Loch Etive
Loch Awe
Loch Fyne
Loch Gilp
Loch Crinan
Loch Sween
Loch Tarbert
Loch Indaal
Loch Gruinart
Loch Ryan
Loch Strangaer
Loch Doon
Loch Trool
Loch Ken
Loch Grannoch
Loch Dee
Loch Skerrow
Loch Urr
Loch Fleet
Loch Brora
Loch Naver
Loch Loyal
Loch Inchard
Loch Laxford
Loch Eriboll
Loch Hope
Loch Stack
Loch Assynt
Loch Shin
Loch Carron
Loch Alsh
Loch Duich
Loch Long
Loch Goil
Loch Lomond
Loch Katrine
Loch Achray
Loch Vennachar
Loch Earn
Loch Tay
Loch Rannoch
Loch Leven
Loch Fitty
Loch Ore
Loch Gelly
Loch Glow
Loch Skene
Loch Lowes
Loch Ettrick
Loch of the Lowes
Loch Kinnordy
Loch Lee
Loch Muick
Loch Builg
Loch Avon
Loch Etchachan
Loch Nan Eun
Loch Morlich
Loch Garten
Loch Insh
Loch Ericht
Loch Rannoch
Loch Tummel
Loch Garry
Loch Quoich
Loch Hourn
Loch Nevis
Loch Morar
Loch Shiel
Loch Eil
Loch Linnhe
Loch Etive
Loch Awe
Loch Fyne
Loch Gilp
Loch Crinan
Loch Sween
Loch Tarbert
Loch Indaal
Loch Gruinart
Loch Ryan
Loch Strangaer
Loch Doon
Loch Trool
Loch Ken
Loch Grannoch
Loch Dee
Loch Skerrow
Loch Urr
Loch Fleet
Loch Brora
Loch Naver
Loch Loyal
Loch Inchard
Loch Laxford
Loch Eriboll
Loch Hope
Loch Stack
Loch Assynt
Loch Shin
Loch Carron
Loch Alsh
Loch Duich
Loch Long
Loch Goil
Loch Lomond
Loch Katrine
Loch Achray
Loch Vennachar
Loch Earn
Loch Tay
Loch Rannoch
Loch Leven
Loch Fitty
Loch Ore
Loch Gelly
Loch Glow
Loch Skene
Loch Lowes
Loch Ettrick
Loch of the Lowes
Loch Kinnordy
Loch Lee
Loch Muick
Loch Builg
Loch Avon
Loch Etchachan
Loch Nan Eun
Loch Morlich
Loch Garten
Loch Insh
SCALE OF MILES
0 10 20 30 40
Population, 4,621,453
Area sq. are miles, 30,461

IRELAND
SCALE OF MILES
0 5 10 20 30 40 50
Population, 5,297,732
Area, Square miles, 32,510
10° Longitude west from Greenwich
9°
8°
7°
6°
Longitude East from Washington
67°
68°
69°
70°
71°
ATLANTIC OCEAN
IRISH SEA
ST. GEORGES CHANNEL
NORTH CHANNEL
SCOTLAND
DONEGAL
LONDONDERRY
TYRONE
ANTRIM
DOWN
FERMANAGH
ARMAGH
MONAGHAN
CAVAN
LOUTH
MEATH
LONGFORD
WESTMEATH
KING'S CO.
QUEEN'S CO.
KILDARE
WICKLOW
DUBLIN
SLIGO
LEITRIM
ROSCOMMON
GALWAY
MAYO
CLARE
TIPPERARY
KILKENNY
CARLOW
WEXFORD
WATERFORD
LIMERICK
KERRY
CORK
Londonderry
Belfast
Dublin
Galway
Limerick
Cork
Waterford
Sligo
Drogheda
Wicklow
Wexford
Kilkenny
Tipperary
Clonmel
Ennis
Tralee
Killarney
Youghal
Queenstown
Bantry
Skibbereen
Castletown
Valentia
Dingle
Ballina
Westport
Castlebar
Ballinasloe
Athlone
Mullingar
Navan
Trim
Kells
Dundalk
Newry
Lisburn
Coleraine
Portrush
Ballycastle
Larne
Carrickfergus
Bangor
Portadown
Armagh
Enniskillen
Omagh
Strabane
Letterkenny
Donegal
Ballyshannon
Sligo
Boyle
Roscommon
Longford
Tullamore
Edenderry
Naas
Kildare
Athy
Carlow
Maryborough
Abbeyleix
Kilkenny
Thomastown
Waterford
Dungarvan
Lismore
Fermoy
Mallow
Cork
Kinsale
Bandon
Skibbereen
Bantry
Killarney
Tralee
Dingle
Listowel
Tarbert
Kilrush
Ennis
Scariff
Gort
Loughrea
Athenry
Tuam
Ballinrobe
Castlebar
Westport
Newport
Belmullet
Ballina
Killala
Sligo
Ballyshannon
Donegal
Letterkenny
Londonderry
Coleraine
Ballycastle
Larne
Belfast
Newtownards
Downpatrick
Newcastle
Kilkeel
Newry
Dundalk
Drogheda
Balbriggan
Howth
Malahide
Swords
Dublin
Kingstown
Dalkey
Bray
Wicklow
Arklow
Gorey
Enniscorthy
Wexford
New Ross
Carrick on Suir
Clonmel
Cahir
Tipperary
Cashel
Thurles
Roscrea
Birr
Tullamore
Mullingar
Athlone
Ballinasloe
Portumna
Gort
Ennis
Kilrush
Tarbert
Listowel
Tralee
Killarney
Dingle
Valentia
Cahirciveen
Kenmare
Bantry
Skibbereen
Clonakilty
Kinsale
Cork
Youghal
Dungarvan
Lismore
Fermoy
Mallow
Limerick
Nenagh
Roscrea
Birr
Tullamore
Edenderry
Naas
Kildare
Athy
Carlow
Maryborough
Abbeyleix
Kilkenny
Thomastown
Waterford
Dungarvan
Lismore
Fermoy
Mallow
Cork
Kinsale
Bandon
Skibbereen
Bantry
Killarney
Tralee
Dingle
Listowel
Tarbert
Kilrush
Ennis
Scariff
Gort
Loughrea
Athenry
Tuam
Ballinrobe
Castlebar
Westport
Newport
Belmullet
Ballina
Killala
Sligo
Ballyshannon
Donegal
Letterkenny
Londonderry
Coleraine
Ballycastle
Larne
Belfast
Newtownards
Downpatrick
Newcastle
Kilkeel
Newry
Dundalk
Drogheda
Balbriggan
Howth
Malahide
Swords
Dublin
Kingstown
Dalkey
Bray
Wicklow
Arklow
Gorey
Enniscorthy
Wexford
New Ross
Carrick on Suir
Clonmel
Cahir
Tipperary
Cashel
Thurles
Roscrea
Birr
Tullamore
Mullingar
Athlone
Ballinasloe
Portumna
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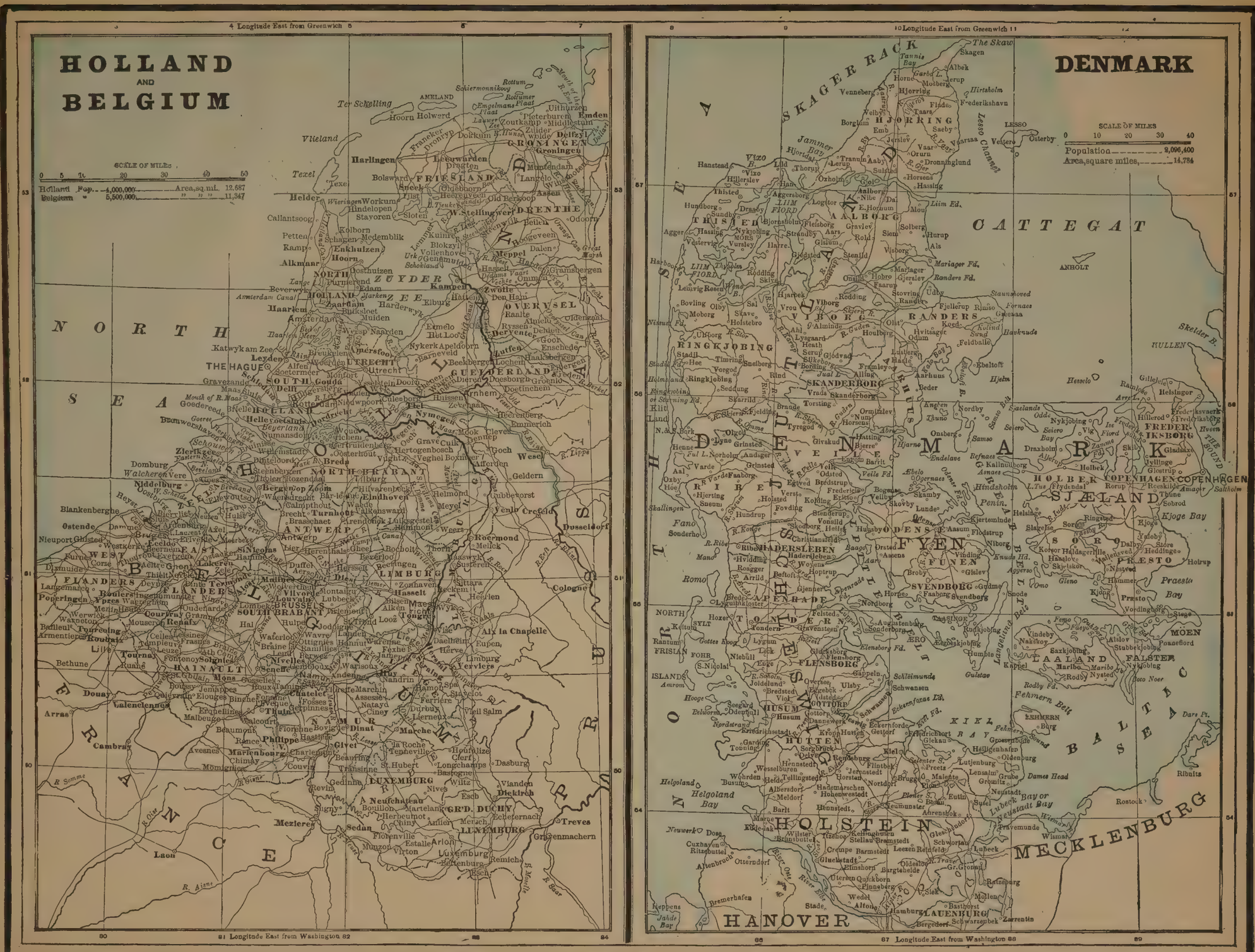
Ennis
Kilrush
Tarbert
Listowel
Tralee
Killarney
Dingle
Valentia
Cahirciveen
Kenmare
Bantry
Skibbereen
Clonakilty
Kinsale
Cork
Youghal
Dungarvan
Lismore
Fermoy
Mallow
Limerick
Nenagh
Roscrea
Birr
Tullamore
Edenderry
Naas
Kildare
Athy
Carlow
Maryborough
Abbeyleix
Kilkenny
Thomastown
Waterford

SWEDEN
AND
NORWAY
SCALE OF MILES
10 20 40 60 80 100 120 140
Longitude east 16 from Greenwich
4 8 12 20 24 28 32
Longitude east from Washington
85 89 93 97 101 104
ARCTIC OCEAN
NORTH ATLANTIC OCEAN
SCANDINAVIAN SEA
NORTH SEA
DENMARK
SKAGER RACK
CATTEGAT
GULF OF BOTHNIA
GULF OF FINLAND
BALTIC SEA
GULF OF RIGA
LIVONIA
ESTHONIA
COURLAND
KOVNO
LAPLAND
FINLAND
NORWAY
SWEDEN
GOTHLAND
OELAND
ALAND ARCHIPELAGO
LOFODEN ISLANDS
BOHUS
HALLAND
SMALAND
NERIKE
WERMLAND
DALARNE
HELSINGLAND
JAMTLAND
WESTERBOTTEN
NORRBOTTEN
WESTERNORRLAND
NORTH CAPE
STOCKHOLM
CHRISTIANIA
CHRISTIANSAND
COPENHAGEN
Mageroe
Soroe
Andoe
Langoe
Ingoe
Rolfso
Hasvik
Silden
Ringvadsoe
Vandoe
Ost Vaagoe
Vest Vaagoe
Flagstadoe
Moskenaesoe
Maelstrom
Varoe
Roost
Landegode I.
Hundsholm
Torget
Vigten
Froyen
Hitteren
Smoelen
Christiansund
Aalesund
Sandoe
Stadt
Waagsoe
Stat
Bjornoe
Fro Isles
Fro Head
Folden Fiord
Namsen Fd.
Vegenoe
Alstenoe
Donnaes
Donnaes
Threnan Is.
Heimlandoe
Skaars Fd.
Melve
Kunna Hd.
Saltens Fd.
Hundsholm
Landegode I.
Roost
Varoe
Maelstrom
Moskenaesoe
Flagstadoe
Vest Vaagoe
Ost Vaagoe
Andoe
Langoe
Hinnoe
Stegen
Ingoe
Rolfso
Soroe
Hasvik
Silden
Ringvadsoe
Malangen
Vandoe
Fuglo
Kvenangen
Reisen
Alten
Talvik
Raafford
Hammerfest
Kvalsund
Sorte Naro
Tana
Varjak Naro
Vardhuus
Vadsoe
Waranger Fiord
Skogeroe
Pasvig
Ribachi Peninsula
Petschenga
Skeabrie
Rastekaise
Enare
Lake Enara
Kola
Lutt
Nilot Jaure
Lake Imandra
Kandalaksha
Kemi
River
Lake Kemi
Lake Piaro
Lake Pyha
Tuoppa Jarvi
Kuusamo
Kuito Lake
Ulea Lake
Kalana
Sotkamo
Nuasala
Pielis
Joensuu
Randassalmi
St. Michel
Viborg
Nystad
Helsingfors
Ekness
Hango Hd.
Narva
Revel
Pernau
Dago
Osel
Werzierv Lake
Peipus Lake
Pskov
Lake Pskov
Dome Ness
Wolmar
Marienburg
Windau
Riga
Goldingen
Libau
Mitau
Lutchin
Dunaburg
Duna River
Memel
Tilsit
Vilkomir
Widzy
Wisby
Faroe
Lummelund
Ostergarn
Hoburg Pt.
Gotska Sandoe
Bodar
Norra Pt.
Boda
Hide
Hense
Borgholm
Oland Pt.
Skallor
Kalkskrona
Selvitsborg
Carlshamn
Carlshamn
Christianstad
Kronevall
Cimbrishamn
Ystad
Skanor
Malmo
Trelleborg
Sandhammar Pt.
Helgo I.
Samso
The Horn
Great Belt
Sub. Tel. to Newbiggin
Sub. Tel.
Jammer Bay
Aalborg
Randers
Vilborg
Anholt
Laholm Bay
Engelholm
Kullen
Helsingborg
Landskrona
Lund
Hallandsas
Halmstad
Falkenberg
Warberg
Kongsbacken
Lesso
Gottenburg
Marstrand
Hisingen
Tjorn
Orust
Skafto
Lidkoping
Skara
Mariestad
Lake Wener
Karlstad
Arvika
Philipstad
Lake Hielmar
Orebro
Arboga
Westeras
Upsala
Gefle
Gefle Bay
Hernosand
Sundsvall
Gnarp
Strom
Hudiksvall
Horns Pt.
Wexna
Enanger
Soderhamn
Bergvik
Elfdalen
Bollnas
Ljusne Elf
Skog
More
Ratvik
Hamrange
Grefle
Lofsa Bay
Oregrund
Grasoe
Oregrund Gap
Gefle Bay
Lofsa
Osthammar
Soderfors
Norrtelge
Upsala
Skutuna
Lake Malar
Stockholm Arch.
Ornoe
Nykoping
Norrkoping
Motala
Linkoping
Wadstena
Lake Wetter
Jonkoping
Lake Wener
Lidkoping
Skara
Skofde
Tidaholm
Falkoping
Lake Hielmar
Hielmaren
Hallsberg
Orebro
Kopparberg
Westeras
Arboga
Lake Malar
Sala
Skutuna
Upsala
Lofsa
Norrtelge
Soderfors
Osthammar
Grasoe
Oregrund
Grefle
Gefle Bay
Hernosand
Sundsvall
Gnarp
Strom
Hudiksvall
Horns Pt.
Wexna
Enanger
Soderhamn
Bergvik
Elfdalen
Bollnas
Ljusne Elf
Skog
More
Ratvik
Hamrange
Lake Siljan
Rattvik
Leksand
Djurs
Falun
Lake Runn
Lake Lofsa
Lake Gustaf
Gustaf
Sater
Aleo
Saleo
Lake Saleo
Lake Dunen
Lake Hard
Lake Asplang
Lake Aspen
Lake Roxen
Lake Glan
Lake Boren
Lake Wetter
Lake Wener
Lake Hielmar
Lake Malar
Lake Mosa
Lake Storsio
Lake Oyken
Lake Alsarin
Lake Idre
Lake Orsio
Lake Loos
Lake Flor
Lake Sarna
Lake Ore
Lake Ljusen
Lake Ljungan


HOLLAND AND BELGIUM
DENMARK
4 Longitude East from Greenwich 5
10 Longitude East from Greenwich 11
SCALE OF MILES
0 5 10 20 30 40 50
Holland Pop. 4,000,000 Area, sq. mi. 12,687
Belgium " 5,500,000 " " " 11,347
SCALE OF MILES
0 10 20 30 40
Population 2,096,400
Area, square miles, 14,784
NORTH SEA
SKAGER RACK
CATTEGAT
BALTIC SEA
FRANCE
GERMANY
HOLSTEIN
MECKLENBURG
HANOVER
ANHOLT
SJÆLAND
FYEN
LAALAND
FALSTER
MOEN
BORNHOLM
Amsterdam
Rotterdam
The Hague
Utrecht
Brussels
Antwerp
Ghent
Bruges
Liège
Namur
Luxemburg
Cologne
Aix la Chapelle
Copenhagen
Elsinore
Helsingor
Odense
Aalborg
Aarhus
Esbjerg
Ribe
Flensburg
Kiel
Lübeck
Hamburg
Bremen
Bremerhaven
Emden
Groningen
Leeuwarden
Arnhem
Nymegen
Maestricht
Ostende
Dunkirk
Calais
Boulogne
Lille
Arras
Cambrai
Valenciennes
Douai
Mezieres
Sedan
Laon
Treves
Dusseldorf
Roermond
Turnhout
Eindhoven
Tilburg
Breda
Dordrecht
Leyden
Haarlem
Zwolle
Deventer
Enschede
Apeldoorn
Nymegen
Wesel
Geldern
Cleves
Emmerich
Doetinchem
Hertogenbosch
Helder
Texel
Vlieland
Terschelling
Harlingen
Sneek
Heerenveen
Assen
Meppel
Kampen
Elburg
Amersfoort
Gouda
Delft
Rotterdam
Middelburg
Flushing
Vere
Domburg
Zierikzee
Goes
Bergen op Zoom
Breda
Tournay
Courtray
Ypres
Dixmude
Ostende
Nieuport
Blankenberghe
Furnes
Dunkirk
Gravelines
Calais
Boulogne
Montreuil
Abbeville
Amiens
Peronne
Cambrai
Douai
Valenciennes
Lille
Bethune
Arras
Hazebrouck
Poperingen
Roulers
Thielt
Courtrai
Renaix
Oudenarde
Ghent
Termonde
Alost
Louvain
Brussels
Malines
Lierre
Antwerp
Turnhout
Eindhoven
Helmond
Tilburg
Hertogenbosch
Maestricht
Tongres
Hasselt
Liège
Verviers
Spa
Stavelot
Malmedy
Prum
Bitburg
Diekirch
Echternach
Treves
Sierck
Thionville
Metz
Longwy
Montmedy
Sedan
Mezieres
Rethel
Laon
Soissons
Compiegne
Noyon
Peronne
Bapaume
Hazebrouck
Ypres
Warneton
Menin
Courtrai
Tournay
Lille
Douai
Arras
Cambrai
Valenciennes
Maubeuge
Avesnes
Landrecies
Guise
Vervins
Hirson
Rocroi
Givet
Dinant
Namur
Charleroi
Mons
Binche
Soignies
Nivelles
Wavre
Louvain
Malines
Termonde
Ghent
Bruges
Ostende
Nieuport
Dixmude
Furnes
Dunkirk
Gravelines
Calais
Boulogne
Montreuil
Abbeville
Amiens

SPAIN
AND
PORTUGAL
BAY OF BISCAY
MEDITERRANEAN SEA
ATLANTIC OCEAN
FRANCE
AFRICA
BALEARIC ISLANDS
Longitude from Greenwich
Longitude East from Washington
SCALE OF MILES
0 20 40 60 80 100 120
Spain, Pop. 16,902,000 Area, Sq. M. 192,959
Portugal, " 4,745,142 " " 34,511

FRANCE
SCALE OF MILES
0 10 20 40 60 80 100
Population, 37,672,000
Area, square miles, 204,071
Longitude from Greenwich
West
East
Longitude from East Washington
ENGLISH CHANNEL
BAY OF BISCAY
MEDITERRANEAN SEA
GULF of LIONS
GULF of GENOA
ENGLAND
BELGIUM
GERMAN EMPIRE
SWITZERLAND
ITALY
SPAIN
CORSICA
PAS DE CALAIS
SOMME
SEINE INFERIEURE
CALVADOS
EURE
MANCHE
ORNE
EURE ET LOIR
SEINE
SEINE ET MARNE
OISE
AISNE
ARDENNES
MEUSE
MARNE
MEURTHE
VOSGES
HAUTE MARNE
AUBE
COTES DU NORD
FINISTERE
ILLE ET VILAINE
MAYENNE
SARTHE
LOIRE INFERIEURE
MAINE ET LOIRE
MORBIHAN
LOIRE
INDRE ET LOIRE
LOIR ET CHER
LOIRET
YONNE
NIEVRE
CHER
COTE D'OR
HAUTE SAONE
DOUBS
JURA
SAONE ET LOIRE
VENDEE
DEUX SEVRES
VIENNE
INDRE
ALLIER
CREUSE
HAUTE VIENNE
CHARENTE INFERIEURE
CHARENTE
PUY DE DOME
HAUTE LOIRE
RHONE
AIN
HAUTE SAVOIE
SAVOIE
ISERE
CORREZE
CANTAL
DORDOGNE
GIRONDE
LOT
LOZERE
ARDECHE
DROME
HAUTES ALPES
BASSES ALPES
LANDES
LOT ET GARONNE
AVEYRON
GARD
VAUCLUSE
BOUCHES DU RHONE
VAR
ALPES MARITIMES
TARN ET GARONNE
TARN
HERAULT
GERS
HAUTE GARONNE
AUDE
BASSES PYRENEES
HAUTES PYRENEES
ARIEGE
PYRENEES ORIENTALES
Trevose Head
Plymouth
Bill of Portland
Isl. of Wight
Beachy Head
Lands End
Scilly Islands
Lizard Point
Start Point
Alderney
Channel Islands
Cape de la Hague
Barfleur
La Hougue
Pt. du Sillon
Ushant Island
Cape St. Mathieu
Brest Harbor
Douarnenez Bay
Raz Point
Audierne Bay
Pt. de Penmark
Glenan Islands
Belle Isle
Noirmoutier Island
Isl. Dieu
Isl. de Re
Isl. d' Oleron
Basque Roads
Sables d' Olonne
Gironde River
Marennes
Pons
Saintes
Cognac
Rochefort
La Rochelle
Rochellois
Civray
Melle
Ruffec
Confolens
Angouleme
Barbezieux
Nontron
Chalais
Riberac
Perigueux
Coutras
Libourne
Bergerac
Bordeaux
Etang de Cazeyne
Etang de Parentis
Mimizan
Roquefort
Nerac
Agen
Marmande
La Reole
Bazas
St. Symphorien
Sore
Leon
Dax
Tartas
Mont de Marsan
Condom
Lectoure
Auch
Mirande
Gimont
Lombez
Aurel
Toulouse
Lavaur
Castres
St. Pons
Mazamet
Villefranche
Cahors
Rodez
Figeac
Espalion
Marvejols
Mende
Florac
Millau
Milhau
Alais
Uzes
Nimes
Lodeve
Pezenas
Beziers
Agde
Narbonne
Sigean
Leucate
Limoux
Quillan
Foix
Tarascon
Ax
Perpignan
Port Vendres
Cerbere
Fraden
Mt. Canigou
Mt. Perdu
Pic du Midi
Biarritz
St. Sebastian
Bayonne
Orthez
Pau
Oloron
Mauleon
Tarbes
Bagneres
Arcelis
St. Gaudens
St. Girons
Cape Corso
G. of St. Florens
Bastia
St. Florent
Calvi
Nicolai
Corte
Gulf of Porto
Mt. Rotondo
Ajaccio
Sartene
Porto Vecchio
Bonifacio
Cape Muro
Cape Feno
Toga
Cape Camaret
Toulon
Hyeres Islands
Cape Sicie
Gulf of Frejus
Mouths of the Rhone
Isl. de Riou
Marseilles
Aix
Arles
Avignon
Orange
Carpentras
Apt
Digne
Grasse
Cannes
Antibes
Nice
Monaco
Menton
Genoa
Mont Cenis
Turin
Mont Blanc
Little St. Bernard
Graian Alps
Maritime Alps
Mont Viso
Milan
Monte Rosa
Lake Maggiore
Lake Geneva
Lake Constance
Lucern Lake
L. of Zurich
Zurich
St. Gall
Constance
Bale
Bern
Lausanne
Geneva
Sion
Chamouni
Annecy
Aix les Bains
Chambery
Albertville
Moutiers
Grenoble
Briancon
Embrun
Gap
Die
Valence
Montelimart
Privas
Tournon
Lyons
Vienne
Roanne
Charlieu
Thiers
Clermont
Puy de Dome
Mont Dor
Issoire
Brioude
Mauriac
Aurillac
Figeac
Cantal Mts.
Tulle
Ussel
Limoges
Bourganeuf
St. Leonard
Royere
Aubusson
Guerat
Boussac
Montmorillon
Chatellerault
Poitiers
Loudun
Thouars
Parthenay
Fontenay
Luçon
Sables d' Olonne
Challans
Machecoul
Clisson
Vertou
Nantes
Paimbeuf
Loire River
Savenay
Guerande
St. Nazaire
Redon
Vannes
Quiberon
Sarzeau
Quimperle
Lorient
Hennebont
Quimper
Douarnenez
Pontivy
Rostrenen
Lorrois
Montfort
Vitre
Rennes
Fougeres
Dol
Antrain
Combourg
Dinan
St. Brieuc
Guingamp
Lannion
Morlaix
St. Pol de Leon
Landernau
Brest
Chateaubriant
Segre
Janze
Chateau Gontier
Laval
Loiron
Mayenne
Craon
Chateau du Loir
Le Mans
La Fleche
St. Calais
Vendome
Mondoubleau
Neuvy le Roy
Bleneau
Montoire
Loches
Chinon
Langeais
Saumur
Beaupreau
Thouars
Chatillon
Bressuire
Chatellerault
Chateauroux
Issoudun
Valencay
Romorantin
Blois
Amboise
Tours
Vierzon
Bourges
Sancerre
Aubigny
Gien
Cosne
Clamecy
Corbigny
Chateau Chinon
Nevers
Moulins
Herisson
Montlucon
Chantelle
Gannat
Charolles
Digoin
Paray le Monial
Bourbon Lancy
Autun
Chagny
Beaune
Dijon
Auxonne
Gray
Vesoul
Lure
Luxeuil
Besancon
Dole
Salins
Poligny
Arbois
Pontarlier
Montbeliard
Altkirch
Mulhausen
Colmar
Schlestadt
Strasburg
Kehl
Wissembourg
Bitche
Saarbruck
Saarburg
Sarrebourg
Luneville
Nancy
Toul
Commercy
Bar sur Ornain
Bar sur Seine
Chaumont
Langres
Epinal
Remiremont
Plombieres
Mirecourt
Neufchateau
St. Dizier
Vitry
Epernay
Chalons sur Marne
Chateau Salins
Metz
Thionville
Longuyon
Montmedy
Sedan
Mezieres
Charleville
Rocroy
Vervins
Laon
Soissons
Rheims
Grandpre
Verdun
Bar le Duc
Commercy
Toul
Nancy
Luneville
Saarburg
Saarbruck
Treves
Luxemburg
Diedenhofen
Longwy
Montmedy
Sedan
Mezieres
Charleville
Rocroy
Vervins
Laon
Soissons
Rheims
Grandpre
Verdun
Metz
Thionville
Longuyon

CHAMP DE MARS
Boulevard Haussman
Avenue de la Grande Armée
Avenue du Bois de Boulogne
Avenue de l'Alma
Quai de la Conférence
Quai d'Orsay
Avenue de Suffren
Boulevard de Grenelle
Boulevard Edgar Quinet
Boulevard Arago
Boulevard St Jacques
16
15
14
6

PARIS
(FRANCE)
Av. Avenue
B. Boulev. Boulevard
Bre Barriere
Cse Conservatoire
C. Cette
Direct. Direction
Eco Ecole
Gd Grande
Hph Hosp Hopital
19
10
3
4
5
11
20
12
13
Place Voltaire
PLACE DU TRONE
Cours de Vincennes
Jardin Botanique
SEINE
FLEUVE
Boulevard de Bercy
Boulevard Reuilly

EUROPE,
in the time of
NAPOLEON 1.
Longitude 10 from Greenwich
Longitude East 97 from Washington
ATLANTIC OCEAN
NORTH SEA
MEDITERRANEAN SEA
BLACK SEA
BALTIC SEA
BAY OF BISCAY
ENGLAND
IRELAND
FRANCE
SPAIN
PORTUGAL
DENMARK
HOLLAND
BELGIUM
SWITZERLAND
GERMANY
AUSTRIA
HUNGARY
ITALY
TURKEY
RUSSIA
GREECE
SICILY
SARDINIA
CORSICA
LONDON
PARIS
BERNE
VIENNA
BERLIN
CASSEL
WARSAW
GRAND DUCHY OF WARSAW
NAPLES
LISBON
MADRID
CONSTANTINOPLE
Copenhagen
Stockholm
St. Petersburg
Moscow
Odessa
Kherson
Nikolajev
Sevastopol
Kiev
Poltava
Minsk
Vilna
Tilsit
Dantzic
Berlin
Hamburg
Amsterdam
The Hague
Brussels
Cologne
Frankfort
Leipsic
Dresden
Breslau
Prague
Vienna
Munich
Stuttgart
Strasburg
Nuremburg
Austerlitz
Pesth
Debreczin
Buda
Gratz
Klagenfurt
Trieste
Venice
Milan
Turin
Genoa
Nice
Marseilles
Toulon
Lyons
Geneva
Dijon
Orleans
Paris
Versailles
Rouen
Havre
Brest
Cherbourg
Calais
Dover
London
Liverpool
Dublin
Cork
Bristol
Plymouth
Birmingham
Leeds
York
Hull
Edinburgh
Glasgow
Belfast
Lisbon
Oporto
Madrid
Toledo
Seville
Cadiz
Gibraltar
Malaga
Granada
Valencia
Barcelona
Saragossa
Bilbao
Corunna
Vigo
Bayonne
Bordeaux
Toulouse
Marseilles
Nice
Genoa
Milan
Venice
Trieste
Ancona
Leghorn
Rome
Naples
Gaeta
Capua
Sicily
Palermo
Messina
Malta
Sardinia
Cagliari
Corsica
Ajaccio
Bastia
Elba
Majorca
Minorca
Ivica
Formentera
Tunis
Algiers
Oran
Tripoli
Cape Bon
Cape Passaro
Cape Leuca
Otranto
Brindisi
Bari
Scutari
Belgrade
Bosna Serai
Widin
Bucharest
Silistria
Shumla
Varna
Burgas
Adrianople
Constantinople
Salonica
Smyrna
Athens
Patras
Rhodes
Cerigo
Candia
Jaffa
Damascus
Aleppo
Tripoli
Tiflis
Suwalki
Grodno
Pultusk
Bialystock
Pinsk
Brzesc
Lublin
Sandomir
Cracow
Lemberg
Jitomir
Kamienetz
Jassy
Galatz
Tenesvar
Debreczin
Pesth
Buda
Gratz
Klagenfurt
Laybach
Trieste
Venice
Milan
Turin
Genoa
Nice
Marseilles
Toulon
Lyons
Geneva
Dijon
Orleans
Paris
Versailles
Rouen
Havre
Brest
Cherbourg
Calais
Dover
London
Liverpool
Dublin
Cork
Bristol
Plymouth
Birmingham
Leeds
York
Hull
Edinburgh
Glasgow
Belfast
Lisbon
Oporto
Madrid
Toledo
Seville
Cadiz
Gibraltar
Malaga
Granada
Valencia
Barcelona
Saragossa
Bilbao
Corunna
Vigo
Bayonne
Bordeaux
Toulouse
Marseilles
Nice
Genoa
Milan
Venice
Trieste
Ancona
Leghorn
Rome
Naples
Gaeta
Capua
Sicily
Palermo
Messina
Malta
Sardinia
Cagliari
Corsica
Ajaccio
Bastia
Elba
Majorca
Minorca
Ivica
Formentera
Tunis
Algiers
Oran
Tripoli
Cape Bon
Cape Passaro
Cape Leuca
Otranto
Brindisi
Bari
Scutari
Belgrade
Bosna Serai
Widin
Bucharest
Silistria
Shumla
Varna
Burgas
Adrianople
Constantinople
Salonica
Smyrna
Athens
Patras
Rhodes
Cerigo
Candia
Jaffa
Damascus
Aleppo
Tripoli

SWITZERLAND
Population, ------ 3,000,000
Area, square miles, --- 15,995
SCALE OF MILES
0 5 10 20 30
Longitude East from Greenwich
Longitude East from Washington
Belfort
Altkirch
Mulhausen
Basle
Bienne
Neufchatel
Berne
Fribourg
Vaud
Geneva
Lucerne
Zurich
Thurgau
Appenzell
St. Gall
Aargau
Glarus
Grisons
Ticino
Valais
Uri
Schwyz
Unterwald
Zug
Schaffhausen
Constance
Lake of Constance
Lake of Geneva
Lake of Lucerne
Lake of Zurich
Lake of Thun
Lake of Brienz
Lake of Wallenstadt
Lake of Walenstadt
Lake of Zug
Lake of Lugano
Lake of Como
Lake of Maggiore
Lake of Orta
Lake of Lecco
Lake of Varese
Lake of Mendrisio
Lake of Poschiavo
Lake of Bellagio
Lake of Camoghe
Lake of Porlezza
Lake of Gravelona
Lake of Intra
Lake of Stellihorn
Lake of Monte Rosa
Lake of Dent du Midi
Lake of Mont Blanc
Lake of Mont Cenis
Lake of Mont Genevre
Lake of Mont Pelvoux
Lake of Mont Viso
Lake of Mont Cenis
Lake of Mont Genevre
Lake of Mont Pelvoux
Lake of Mont Viso
Champagnole
Lons
Morez
Geneva
Thonon
Evian
Villeneuve
Montreux
Vevey
Lausanne
Morges
Nyon
Rolle
Yverdon
Neufchatel
Fribourg
Berne
Thun
Interlaken
Brienz
Meiringen
Grindelwald
Lauterbrunnen
Lucerne
Zurich
Winterthur
Schaffhausen
Constance
Frauenfeld
Kreuzlingen
Bregenz
Lindau
Rheineck
St. Gall
Appenzell
Herisau
Trogen
Altstetten
Aarau
Baden
Brugg
Zofingen
Lenzburg
Wettingen
Rheinfelden
Laufenburg
Waldshut
Stuhlingen
Ueberlingen
Morsburg
Mamern
Kesswyl
Arbon
Rorschach
Altstetten
Urnasch
Schmerikon
Feldkirch
Werdenberg
Wallenstadt
Walenstadt
Sargans
Mayenfeld
Ragatz
Chur
Coire
Reichenau
Ilanz
Disentis
Andermatt
Hospenthal
Airolo
Faido
Bellinzona
Locarno
Lugano
Como
Lecco
Varese
Mendrisio
Chiasso
Porlezza
Gravelona
Intra
Stresa
Domo d'Ossola
Simplon Pass
Great St. Bernard Pass
Mount Blanc
Monte Rosa
Dent du Midi
Dent de Morcles
Diablerets
Wildhorn
Gemmi Pass
Grimsel Pass
Furca Pass
Splugen
Camogli
Poschiavo
Bernina
Tirano
Sondrio
Chiavenna
Riva
Trent
Brixen
Innsbruck
Landeck
Feldkirch
Bregenz
Lindau
Constance
Schaffhausen
Zurich
Lucerne
Berne
Fribourg
Neufchatel
Bienne
Soleure
Basle
Belfort
Altkirch
Mulhausen
Rhine
Aar
Reuss
Limmat
Linth
Ticino
Rhone
Doubs
Saone
Ain
Arve
Dranse
Drance
Inn
Adda
Oglio
Mincio
Adige
Brenta
Piave
Tagliamento
Isonzo
Save
Drave
Danube
Main
Neckar
Moselle
Meuse
Scheldt
Somme
Seine
Loire
Garonne
Dordogne
Rhone
Po
Tiber
Arno
Ebro
Tagus
Guadiana
Guadalquivir
Segura
Jucar
Turia
Mijares
Ebro
Pyrenees
Alps
Apennines
Carpathians
Balkans
Black Sea
Mediterranean Sea
Adriatic Sea
Baltic Sea
North Sea
English Channel
Bay of Biscay
Atlantic Ocean

GERMANY
14 Longitude East from Greenwich
31 Longitude East from Washington
NORTH SEA
BALTIC SEA
DENMARK
SWEDEN
ZEALAND
FUNEN
BORNHOLM
HOLSTEIN
SCHLESWIG
EAST FRISIAN ISLANDS
FRISIAN ISLANDS
Heligoland
Heligoland Bay
Kiel Bay
LUBECK BAY
Pomeranian Bay
GULF of DANZIG
Hiddensee Isl.
MECKLENBURG
HANOVER
PRUSSIA
BRANDENBURG
POMERANIA
WEST PRUSSIA
EAST PRUSSIA
POSEN
POLAND
BERLIN
POTSDAM
FRANKFURT
DANZIG
KONIGSBERG
GUMBINNEN
MARIENWERDER
BROMBERG
WESTPHALIA
MUNSTER
HESSE CASSEL
HESSE NASSAU
RHINE PROVINCE
COBLENZ
TRIER
TREVES
RHENISH BAVARIA
PALATINATE
WURTEMBURG
HOHEN ZOLLERN
LORRAINE
ALSACE
SAXONY
THURINGIA
SILESIA
BRESLAU
OPPELN
LOWER BAVARIA
UPPER BAVARIA
MUNICH
BOHEMIA
AUSTRIA
LOWER AUSTRIA
UPPER AUSTRIA
VISTULA PROVINCE
SWITZERLAND
BELGIUM
FRANCE
HOLLAND
ZUYDER ZEE
Hanover
Brunswick
Oldenburg
Bremen
Hamburg
Lubeck
Schwerin
Berlin
Dresden
Leipzig
Munich
Vienna
Prague
Warsaw
Danzig
Konigsberg
Stettin
Posen
Breslau
Hamburg
Frankfort
Cologne
Strasburg
Stuttgart
Nuremburg
Augsburg
Salzburg
Linz
Brunn
Budweis
Pilsen
Troppau
Sadowa
Rastatt
Ulm
Ingolstadt
Ratisbon
Passau
Landshut
Kiel
Rostock
Stralsund
Lubeck
Hanover
Brunswick
Magdeburg
Halle
Leipzig
Dresden
Chemnitz
Zwickau
Plauen
Hof
Bamberg
Wurzburg
Aschaffenburg
Mayence
Coblenz
Treves
Metz
Luxemburg
Nancy
Strasbourg
Basle
Constance
Friedrichshafen
Ulm
Augsburg
Munich
Salzburg
Innspruck
Linz
Vienna
Brunn
Budweis
Pilsen
Prague
Troppau
Sadowa
Breslau
Posen
Stettin
Danzig
Konigsberg
Memel
Tilsit
Ragnit
Insterburg
Gumbinnen
Allenstein
Marienwerder
Graudenz
Culm
Thorn
Bromberg
Gnesen
Warsaw
Lodz
Skiernlewice
Kalisch
Posen
Frankfort
Berlin
Potsdam
Brandenburg
Magdeburg
Halberstadt
Brunswick
Hanover
Minden
Osnabruck
Munster
Arnheim
Nimeguen
Cleves
Wesel
Dusseldorf
Cologne
Bonn
Coblenz
Treves
Luxemburg
Metz

CITY OF
BERLIN.
Scale: 3⅛ Inches to the Mile.
Explanation of Colours.
Postal Districts
Tramways
Public Buildings 29
Underground Railway
NORTH
NORTH EAST
NORTH WEST
CENTRAL
EAST
WEST
SOUTH
SOUTH WEST
SOUTH EAST
Königs Platz
Note

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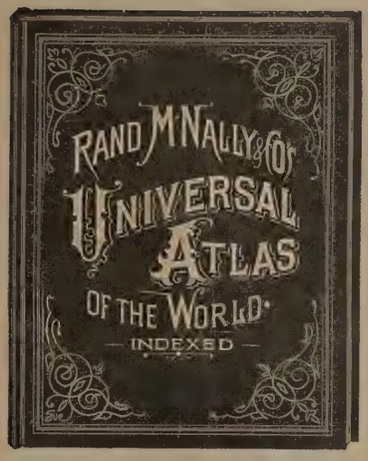

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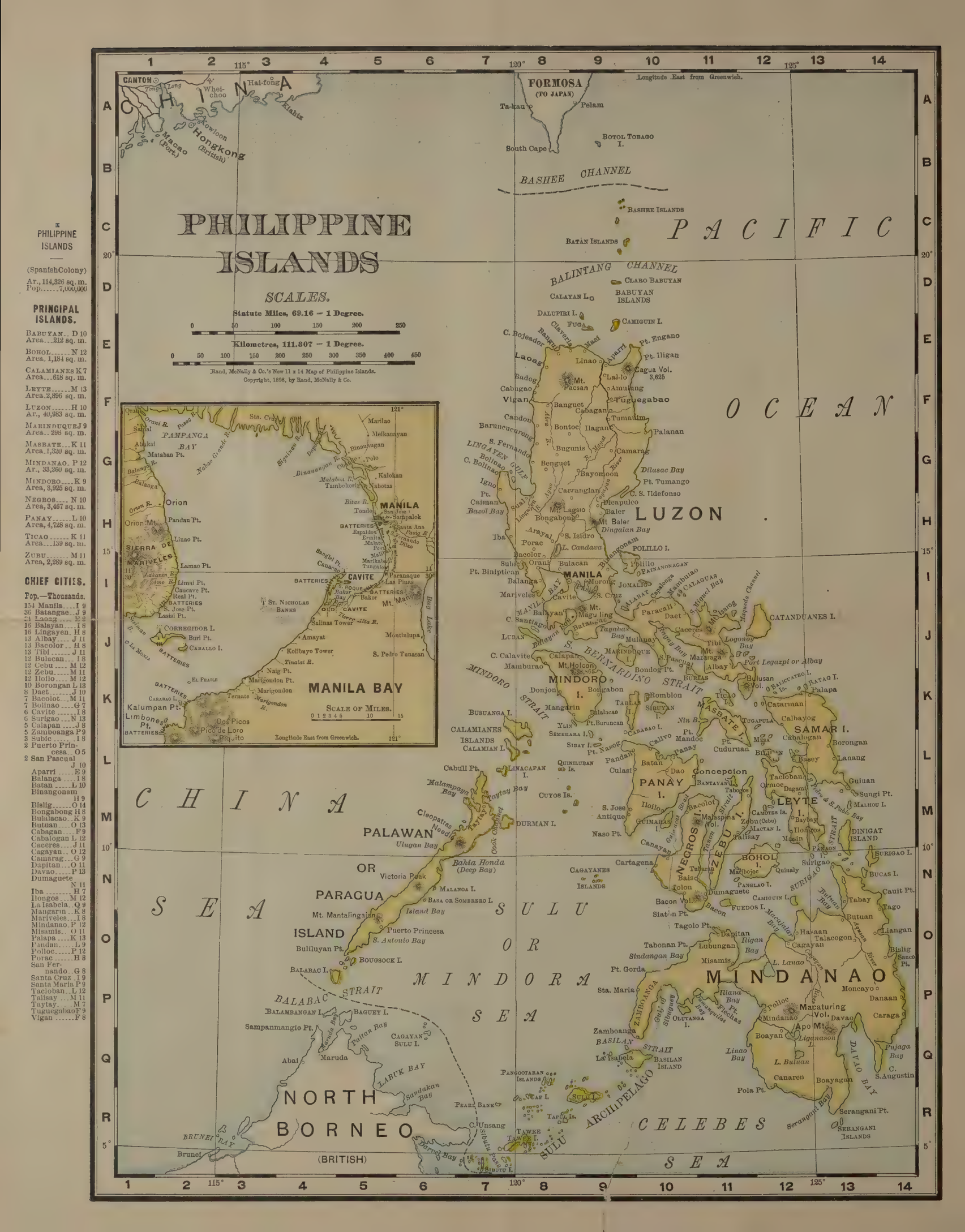

PHILIPPINE ISLANDS

(SpanishColony)
Ar., 114,326 sq. m.
Pop.....7,000,000

PRINCIPAL ISLANDS.

BABUYAN.. D 10
Area...212 sq. m.
BOHOL.....N 12
Area..1,184 sq. m.
CALAMIANES K 7
Area...618 sq. m.
LEYTE.....M 13
Area..2,896 sq. m.
LUZON.....H 10
Ar., 40,983 sq. m.
MARINDUQUE J 9
Area..298 sq. m.
MASBATE...K 11
Area..1,320 sq. m.
MINDANAO. P 12
Ar., 33,260 sq. m.
MINDORO....K 9
Area, 3,925 sq. m.
NEGROS....N 10
Area, 3,467 sq. m.
PANAY.....L 10
Area, 4,728 sq. m.
TICAO.....K 11
Area...139 sq. m.
ZUBU.....M 11
Area, 2,289 sq. m.

CHIEF CITIES.

Pop.—Thousands.
154 Manila....I 9
36 Batangae..J 9
21 Laoag.....E 9
18 Balayan....I 8
16 Lingayen..H 8
13 Albay.....J 11
13 Bacolor...H 8
13 Tibi.....J 11
12 Bulacan...I 8
12 Cebu.....M 12
12 Zebu.....M 11
12 Iloilo.....M 12
10 Borongan L 13
8 Daet.....J 10
7 Bacolot...M 11
7 Bolinao....G 7
6 Cavite.....I 8
6 Surigao....N 13
5 Calapan....J 8
5 Zamboanga P 9
3 Subic.....I 8
2 Puerto Princesa...O 5
2 San Pascual.....J 10
Aparri.....E 9
Balanga....I 8
Batan.....L 10
Binangonam.....H 9
Bislig.....O 14
Bongabong H 8
Bulalacao...K 9
Butuan.....O 13
Cabagan....F 9
Cabalogan L 12
Caceres....J 11
Cagayan...O 12
Camarag...G 9
Dapitan...O 11
Davao.....P 13
Dumaguete.....N 11
Iba.....H 7
Ilongos...M 12
La Isabela..Q 9
Mangarin...K 8
Mariveles...I 8
Mindanao..P 12
Misamis...O 11
Palapa....K 13
Pandan.....L 9
Polloc.....P 12
Porac.....H 8
San Fernando..G 8
Santa Cruz..I 9
Santa Maria P 9
Tacloban...L 12
Talisay....M 11
Taytay....M 7
TuguegabaoF 9
Vigan.....F 8

AUSTRIA
Population, 37,741,413
Area, square miles, 115,925
SCALE OF MILES
0 10 20 40 60 80 100
Longitude East from Greenwich
Longitude East from Washington
PRUSSIA
RUSSIA
GERMANY
BOHEMIA
MORAVIA
AUSTRIA
HUNGARY
TYROL
SALZBURG
CARINTHIA
CARNIOLA
TRANSYLVANIA
BUKOWINA
GALLICIA
SWITZERLAND
ITALY
TURKEY
SERVIA
ROUMANIA
MONTENEGRO
BOSNIA
HERZEGOVINA
TURKISH CROATIA
SCLAVONIA
DALMATIA
ISTRIA
VENICE
GULF OF VENICE
ADRIATIC SEA
PRAGUE
VIENNA
BUDA or Ofen
FESTH
Trieste
Laibach
Agram
Temesvar
Debreczin
SZEGEDIN
Hosna Serai
Belgrade
Bucharest
Florence
Venice
Milan
Munich
Augsburg
Nurnberg
Ratisbon
Passau
Salzburg
Innspruck
Klagenfurt
Gratz
Leoben
Brunn
Olmutz
Presburg
Komorn
Raab
Pesth
Szegedin
Debreczin
Arad
Temesvar
Karlsburg
Hermannstadt
Kronstadt
Jassy
Czernowitz
Lemberg
Cracow
Lublin
Warsaw
Posen
Breslau
Dresden
Leipsic
Berlin
Hamburg
Bremen
Frankfort
Mayence
Cologne
Coblentz
Strasburg
Basle
Zurich
Lucerne
Innsbruck
Trent
Verona
Mantua
Padua
Vicenza
Udine
Venice
Ravenna
Bologna
Modena
Florence
Leghorn
Ancona
Rome
Naples
Palermo
Messina
Malta
Corfu
Scutari
Durazzo
Salonica
Constantinople
Adrianople
Sofia
Widdin
Nissa
Nov Bazar
Mostar
Serajevo
Spalatro
Zara
Ragusa
Cattaro
Fiume
Trieste
Pola
Rovigno
Parenzo
Capo d'Istria
Gradiska
Essek
Peterwadein
Semlin
Orsova
Mehadia
Hermannstadt
Kronstadt
Bucharest
Jassy
Czernowitz
Lemberg
Cracow
Warsaw
Posen
Breslau
Dresden
Leipsic
Berlin
Hamburg
Bremen
Frankfort
Mayence
Cologne
Coblentz
Strasburg
Basle
Zurich
Lucerne
Innsbruck
Trent
Verona
Mantua
Padua
Vicenza
Udine
Venice
Ravenna
Bologna
Modena
Florence
Leghorn
Ancona
Rome
Naples
Palermo
Messina
Malta
Corfu
Scutari
Durazzo
Salonica
Constantinople
Adrianople
Sofia
Widdin
Nissa
Nov Bazar
Mostar
Serajevo
Spalatro
Zara
Ragusa
Cattaro
Fiume
Trieste
Pola
Rovigno
Parenzo
Capo d'Istria
Gradiska
Essek
Peterwadein
Semlin
Orsova
Mehadia

ITALY
SCALE OF MILES
0 20 40 60 80 100
Population, 28,459,451
Area, square miles, 114,380
Longitude East from Greenwich
Longitude East from Washington
PIEDMONT
LOMBARDY
VENETIA
EMILIA
TUSCANY
LIGURIA
CORSICA
SARDINIA
UMBRIA
MARCHES
ROME
ABRUZZI
CAMPANIA
APULIA
BASILICATA
CALABRIA
SICILY
AUSTRIA
ADRIATIC SEA
LIGURIAN SEA
TYRRHENIAN SEA
MEDITERRANEAN SEA
IONIAN SEA
GULF OF VENICE
GULF OF GENOA
GULF OF TARANTO
GULF OF GALLIPOLI
LIPARI IS.
AGADES IS.
MALTA
Valetta
Baiada
AFRICA
Bisert
Tunis
Gulf of Tunis
Cape Bon
Hammamet
Pantellaria
Galita
Stelvio Pass
Splugen Pass
Ortler-Spitz
Brieg
Turin
Milan
Venice
Trieste
Fiume
Genoa
Leghorn
Florence
Rome
Naples
Palermo
Messina
Catania
Syracuse
Malta
Corsica
Sardinia
Sicily
Elba
Ajaccio
Bonifacio
Strait of Bonifacio
Porto Vecchio
Civitavecchia
Gaeta
Gulf of Gaeta
Gulf of Salerno
Gulf of Policastro
Gulf of Squillace
Gulf of Eufemia
Gulf of Catania
Gulf of Palermo
Gulf of Trapani
Strait of Messina
Cape Ris
Cape Spartivento
Cape Passaro
Pt. Stilo
Pt. Spina
Mt. Etna
Stromboli I.
Vulcano
Lipari I.
Panaria I.
Salina
Ischia
Capri
Vesuvius
Mt. Corno
Mt. Gennargentu
Monte Santo
Monte Christo
Pontine Is.
Ponza
Ventotene
Tremiti Islands
Lagosta
Curzola
Lissa
Lesina
Brazzo
Spalatro
Gargano Head
Cape Boco
Cape S. Marco
Cape Bianco
Cape Calavà
Cape Gallo
Cape Plaisano
Cape Scalea
Cape Spulico
Cape Trionto
Cape Colonne
Cape Passero
Cape Ris
Cape Boco
Favignana Isl.
Marittimo Isl.
Levanzo
Galita
Pantellaria
Lampedusa
Linosa
Gozo
Comino
Cospicua
Valetta
Baiada
Mt. Rotondo
Mt. Cinto
Mt. Genargentu
Mt. Linas
Mt. Corno
Mt. Vesuvius
Mt. Etna
Mt. Pollino
Mt. Aspromonte
Mt. Argentaro
Mt. Circello
Mt. Gargano
Mt. Majella
Mt. Velino
Mt. Terminillo
Mt. Amiata
Mt. Cimone
Mt. Falterona
Mt. Catria
Mt. Nerone
Mt. Vettore
Mt. Sibillini
Mt. Corno
Mt. Viso
Mt. Rosa
Mt. Blanc
Matterhorn
Monte Rosa
Mont Cenis
Mont Blanc
Simplon
St. Bernard
Splugen Pass
Stelvio Pass
Ortler-Spitz
Brenner Pass
Tarvis Pass
Col di Tenda
Mont Cenis
Simplon
St. Bernard
Mont Blanc
Monaco
Nice
Ventimiglia
Mentone
Oneglia
Albenga
Savona
Genoa
Spezia
Carrara
Massa
Leghorn
Pisa
Lucca
Pistoja
Prato
Florence
Empoli
Figline
Arezzo
Siena
Grosseto
Aquapendente
Orbetello
Porto Ferraio
Piombino
Elba
Caprafa
Pianosa
Formica
Giglio
Giannutri
Monte Christo
Civitavecchia
Corneto
Viterbo
Orvieto
Bolsena
Terni
Rieti
Spoleto
Foligno
Perugia
Assisi
Gubbio
Urbino
Pesaro
Rimini
Fano
Sinigaglia
Ancona
Loreto
Macerata
Fermo
Ascoli
Civitella del Tronto
Teramo
Atri
Pescara
Chieti
Ortona
Lanciano
Vasto
Termoli
Isernia
Campobasso
Benevento
Caserta
Capua
Aversa
Naples
Nola
Avellino
Sessa
Gaeta
Terracina
Frosinone
Anagni
Tivoli
Palestrina
Frascati
Albano
Velletri
Sora
Arpino
Fondi
Mola
Formia
Gaeta
Porto d'Anzio
Nettuno
Ostia
Rome
Foggia
Lucera
Manfredonia
Barletta
Trani
Bisceglie
Molfetta
Bari
Monopoli
Conosa
Ditonto
Venosa
Gravina
Altamura
Gioja
Acerenza
Matera
Tricarico
Francavilla
Brindisi
Oria
Taranto
Lecce
Otranto
Gallipoli
Roseto
Castrovillari
Cassano
Rossano
Cariato
Paolo
Strongoli
Cotrone
Nicastro
Squillace
Tropea
Monte Leone
Nicotera
Castelvetere
Gerace
Casalnuovo
Scylla
Reggio
Bianco
Fratti
Cefalu
Carini
Palermo
Monreale
Alcamo
Termini
Corleone
Castellamare
Salemi
Marsala
Mazzara
Castelvetrano
Granitola
Sciacca
Ribera
Cattabellotta
Girgenti
Licata
Terranova
Palma
Calatafimi
Alcamo
Mistretta
Caronia
Taormina
Bronte
Nicosia
Acireale
Catania
Augusta
Syracuse
Ragusa
Noto
Avola
Modica
Vendicari
Trapani
Marsala
Mazzara
Sciacca
Girgenti
Licata
Terranova
Palma
Calatafimi
Alcamo
Mistretta
Caronia
Taormina
Bronte
Nicosia
Acireale
Catania
Augusta
Syracuse
Ragusa
Noto
Avola
Modica
Vendicari
Pt. Spina
Cape Passaro
Cape Ris
Cape Spulico
Cape Trionto
Cape Colonne
Cape Bianco
Cape Boco
Cape S. Marco
Cape Plaisano
Cape Scalea
Cape Gallo
Cape Calavà
Cape Bianco
Cape Passero
Cape Spulico
Cape Trionto
Cape Colonne
Cape Ris

TURKEY In Europe, GREECE, ROUMANIA, SERVIA & MONTENEGRO
SCALE OF MILES
0 10 50 75 100 150
Turkey. Area, sq.m. 46,709 Pop. 6,000,000
Greece, " " " 19,352 " 1,457,894
Roumania " " " 46,709 " 5,073,000
Servia. " " " 16,817 " 1,377,068
Montenegro, " " " 1,700 " 190,000
Longitude East from Greenwich
Longitude East from Washington
RUSSIA
HUNGARY
AUSTRIA
SERVIA
BOSNA SERAI
BELGRADE
BUCHAREST
MOLDAVIA
WALLACHIA
TRANSYLVANIA
BULGARIA
TURKEY
ROUMELIA
SALONIKA
CONSTANTINOPLE
SEA OF MARMORA
ADRIANOPLE
PHILIPPOPOLIS
MONTENEGRO
CETIGNO
ALBANIA
EPIRUS
THESSALY
GREECE
ATHENS
MORÆA
CYCLADES
SEA OF CANDIA
CRETE
ADRIATIC SEA
IONIAN SEA
MEDITERRANEAN SEA
AEGEAN SEA
BLACK SEA
GULF OF TARANTO
STRAITS OF OTRANTO
DARDANELLES
ASIA MINOR

MAP OF
CONSTANTINOPLE
Scale of One English Mile
THE GOLDEN HORN
(Harbour of Constantinople)
Port of Constantinople
SEA OF MARMORA
ENTRANCE TO THE BOSPHORUS
SCUTARI

RUSSIA
SCALE OF MILES
0 50 100 150 200 250
Population 93,356,100
Area, square miles, 2,182,186
Longitude East from Greenwich
Longitude East from Washington
ARCTIC OCEAN
BALTIC SEA
BLACK SEA
CASPIAN SEA
WHITE SEA
SEA OF AZOV
LAPLAND
KOLA PENINSULA
ARCHANGEL
OLONETZ
NOVGOROD
ST. PETERSBURG
LIVONIA
COURLAND
ESTHONIA
FINLAND
GULF OF FINLAND
GULF OF BOTHNIA
GULF OF RIGA
GULF OF ONEGA
LAKE LADOGA
LAKE ONEGA
VOLOGDA
PERM
VIATKA
KOSTROMA
VLADIMIR
MOSCOW
SMOLENSK
TVER
PSKOV
VITEBSK
KOVNO
VILNA
GRODNO
MINSK
MOHILEV
KALUGA
TOULA
RIAZAN
PENZA
NIZHEGOROD
KASAN
SIMBIRSK
SARATOV
SAMARA
UFA
ORENBURG
ORIEL
TCHERNIGOV
KOURSK
VORONETZ
TAMBOV
KHARKOV
KIEV
VOLHYNIA
PODOLIA
POLTAVA
EKATERINOSLAV
KHERSON
TAURIDA
CRIMEA
DON COSSACKS
ASTRAKHAN
STAVROPOL
CIRCASSIA
GEORGIA
CAUCASUS
TRANSCAUCASIA
DAGHESTAN
KHIRGIZ COUNTRY
POLAND
PRUSSIA
AUSTRIA
GALICIA
TURKEY
ROUMANIA
Archangel
St. Petersburg
Moscow
Warsaw
Kiev
Odessa
Sevastopol
Constantinople
Smyrna
Trebisond
Erzroom
Tiflis
Baku
Astrakhan
Tarku
Derbend
Mt. Elbourz
Mt. Ararat
Mt. Alagos
Mt. Kasbek
Caspian Sea
Sea of Marmora
Bosphorus
Gallipoli
Sinope
Bucharest
River Danube
River Volga
River Don
River Dnieper
River Ural
River Terek
River Kur
River Ob
River Petchora
River Dwina
River Vistula
Lake Ladoga
Lake Onega
Lake Peipus
Lake Ilmen
Lake Aral
Gulf of Archangel
Gulf of Onega
Gulf of Finland
Gulf of Bothnia
Gulf of Riga
Gulf of Perekop
Sea of Azov
Nova Zemlya
Waigatz Isl.
Kara Bay
Kolguey
Cape North
Cape Ruskoi
Cape Kanin
Arctic Circle

ST.PETERSBURG
(RUSSIA)
GULF OF FINLAND
NEVA
LITTLE NEVA
PETROVSKI
VASSILI OSTROFF
GOUTUEVSKOI
Catherinhovski

NAPLES
(Italy)
Villa Gallo
Palazzo Reale di Capodimonte
CAPODIMONTE
Observatory
Camposanto Vecchio (Cemetery)
Il Gaggiani
Il Tufarello
Arenella
Antignano
Monte Calvario
Castel St. Elmo
Il Vomero
Villa Floridiana
Villa Regina
Villa Riccardi
S. Teresa
Museum
Central Railway Station
Railway
Porta Nolana
Porta Capuana
Marinella
Giardino del Popolo
Ponte dell' Immacolatella
Immacolatella
PORTO GRANDE
Molo Grande
Light
Lighthouse
Castel Nuovo
PORTO Mmilitare
St. Vincent Mole
Arsenal
Castel dell' Ovo
Sea Wall and Promenade
Riviera di Chiaia
Villa Nazionale
Aquarium
English Ch.
Strada Nuova di Posillipo
Strada Nuova del Piliero
Corso Garibaldi
Corso Serra Nuova
Strada Nuova di Capodimonte
Strada Nuova di Foria
Strada Nuova di Poggio Reale
Strada Nuova di Capodichino
Strada Nuova di Pompei & Torre
Strada Nuova di Portici
Strada Nuova di Sorrento
Strada Nuova di Palermo
Strada Nuova di Posillipo
Strada Nuova di Piliero

ASIA
EUROPE
AFRICA
INDIA
ARABIAN SEA
INDIAN OCEAN
BLACK SEA
CASPIAN SEA
MEDITERRANEAN SEA
RED SEA
PERSIAN GULF
ARCTIC OCEAN
SCALE OF MILES
50 100 200 400 600 700
Population, 834,767,000
Area, square miles, 15,742,000
RUSSIA
SWEDEN
NORWAY
FINLAND
TURKEY
PERSIA
ARABIA
AFGHANISTAN
BELOOCHISTAN
TURKESTAN
SIBERIA
CHINESE EMPIRE
INDIA
RAJPOOTANA
CEYLON
TIBET
GOBI DESERT
SYRIAN DESERT
ARABIAN DESERT
THIAN-SHAN NAN-LOO
Longitude
East

Greenwich
ARCTIC OCEAN
Cape Vakat
Kakernoi Poles
Cape Rikatskoi
R. Tchaga
R. Anadir
Gulf of Anadir
Cape Navarin
C. Oyakhtsk
C. Pakachevsk
C. Olutorsk
Olutorsk Bay
Kronotsk Bay
Avatcha Bay
Petropaulski
Copper Is.
Attou
Agattou
Amlakhta
Tanaga
ALEUTIAN Is.
Kamaga Atkha
Amlakhta
BEHRING SEA
Kronotsk
Kamtschatka
Gulf of Kamtschatka
Cape Lopatka
Cape Shipunski
Cape Kronotski
Petropaulski
Avatcha Bay
Copper Is.
Attou
Agattou
Amlakhta
Tanaga
ALEUTIAN Is.
Kamaga Atkha
Amlakhta
Anadirsk
Gulf of Anadir
Cape Navarin
C. Oyakhtsk
C. Pakachevsk
C. Olutorsk
Olutorsk Bay
Kronotsk Bay
Avatcha Bay
Petropaulski

MAP OF
JERUSALEM
Reduced from the Ordnance Survey
Scale of Feet
500
1000
Russian Property
Hospice for Pilgrims (Male)
Hospice for Pilgrims (Female)
Cathedral
Consulate
Hospital
Old Foundations
Mohammedan Cemetery
Grotto of Jeremiah
Bab es-Zahery (Gate of Hezekiah)
Bab el Amud (Gate of the Columns / Damascus Gate)
Cisterns
Austrian Hospice
Via Dolorosa
Birket Israil
Church of the Holy Sepulchre
Street of the Kalo
Street of the Chain
Muristan
Hospital of Knights of St. John
Birket el Hammam / Pool of Hezekiah
Birket el Mamilla / Upper Pool of Gihon
Upper Aqueduct
Bab el Khalil (Hebron Gate / Jaffa Gate)
Al Kala (The Citadel)
Barrack
Tower of Hippicus
Tower of Phasaelus
Tower of Mariamne
Bab en-Nebi Daud (Gate of the Prophet David / Zion Gate)
Armenian
Greek
American
Cenaculum (David's Tomb)
Protestant School
English Burial Ground
(Birket es Sultan) Lower Pool of Gihon
Jewish Cemetery
Aqueduct
Lower Aqueduct
Ancient Tombs
Aceldama
Jebel Deir Abu Tor (Hill of Evil Counsel)
Haram esh-Sherif
Dome of Spirits
Dome of the Prophet
Kubbet es Sakhrah (Dome of the Rock)
Place of Prayer
Solomon's Throne
Dome of the Chain
Kubbet el Nasr
Bab el Katanin (Gate of the Chain)
Bab el Mathara
Bab el Daharîyeh (the Eternal Gate / Golden Gate)
Mosque el Aksa
Triple Gate (Closed)
Double Gate (Closed)
Hâkûrat al Khâtuniyi
Bab el Maghâribeh (Gate of the Western Africans / Dung Gate)
Wall of Ophel
Fountain of the Virgin
Pool of Siloam
Old Pool
Silwan or Siloam
Jebel Baten al Hawa (Mount of Offence)
Valley of Jehoshaphat
Kidron Valley
Ophel
Bir Eyub (Joab's Well / En Rogel)
Tombs of Jehoshaphat and Absalom
Tomb of St. James
Tomb of Zechariah
Tombs of the Prophets
Chapel of the Tomb of the Virgin
Grotto of the Agony
Gethsemane
Kefr et Tur
Church of the Ascension
Ruins
Old Cemetery
Mohammedan Tomb
Cemetery
Mount of Olives
Jebel et Tur
Bethany
Bethphage
Jericho
Jebel Deir Abu Tor
Hill of Evil Counsel

Longitude East from Greenwich
30
35
30'
36
30'
37
34°
30'
33°
TERRANEAN
St. George Bay
Bay of Acre
Cape Carmel
Tyre or Sur
(Tyrus)
Sea of Galilee
Lake Huleh
Waters of Merom
Lake Phiala
Banias
Nazareth
Beirut
Sidon
Acre
Jordan
Yarmuk
Wady Kura
Nahr el-Kasimiyeh
Nahr ez-Zaherani
Nahr el-Auwaly
Wady el-Aasiyeh
Ras Neby Yunas
Ras Rumeileh
Ras el-Musheirifeh
Cape Blanco
Ras en-Nakura
Jebel el Kaus
Salt Marsh
Caravan Route to Palmyra
High Road to Palmyra
Desert of El-Kra
Jebel Hauran
Jebel Druse
Jebel Ajlun
Jebel Batanaya
Jebel Shekh
Jebel Heish
Jebel Kasyun
Jebel Sunnin
Jebel Akkar
Jebel Makmal
Jebel Sannin
Jebel Rihan
Jebel Kalamun
Jebel Zebdany
Jebel Barouny
Jebel Hermon
Jebel Kuneitirah
Jebel Jermuk
Jebel Ajeilun
Jebel Abyad
Jebel Mezar
Jebel Tuffs
Jebel Kerak
Jebel Tallil
Jebel Wuled
Jebel Sawet el-Kanah
Jebel Sawet el-Khudhr
Jebel Ghuttha
Jebel Sewa
Jebel Kutr
Jebel Saleh
Jebel Suweideh
Jebel Baha
Jebel Welegha
Jebel Atil
Jebel Murduk
Jebel Suleim
Jebel Shuleah
Jebel Hit
Jebel Bathaniyeh
Jebel Nejreh
Jebel Selachid
Jebel Rimeh
Jebel Nejran
Jebel Harran
Jebel Ahiry
Jebel Edhra
Jebel Nawa
Jebel Jasem
Jebel Tibny
Jebel Khubab
Jebel Kureim
Jebel Sunameir
Jebel Dekir
Jebel Sahro
Jebel Shaara
Jebel Jebab
Jebel Kuneitirah
Jebel Kereimbeh
Jebel Tell Shukkah
Jebel Merjany
Jebel Debayry
Jebel el Baytaryah
Jebel Kiswah
Jebel Artuz
Jebel Beitima
Jebel Arzy
Jebel Rasheiyeh
Jebel Kallaaf
Jebel Sasa
Jebel el Hather
Jebel Mejdel
Jebel Abtiah
Jebel Hamul
Jebel Terbikha
Jebel Rauah
Jebel Biut
Jebel Jebeil
Jebel Hanun
Jebel Yaron
Jebel Alma
Jebel Kefr Birim
Jebel Ush
Jebel Malia
Jebel Sasa
Jebel Turaihha
Jebel Aunkah
Jebel Meiron
Jebel Yasuk
Jebel el Bukeia
Jebel Rameh
Jebel Es-Seduy
Jebel Ebau Jubb Yusef
Jebel Mejdel Keram
Jebel Birweh
Jebel Yerka
Jebel Yakuk
Jebel Kahul
Jebel Arrabeh
Jebel Jefat
Jebel Kefr Kenna
Jebel Kulat Ibn Maan
Jebel el Medel
Jebel Iebid
Jebel Tireh
Jebel Abilin
Jebel Halfa Hepha
Jebel Shefa Omar
Jebel Kuru Hattin
Jebel Rumaneh
Jebel Turah
Jebel Tubariyeh
Jebel Sefurieh
Jebel Lubieh
Jebel Kefr Kenna
Jebel Kefr Sabt
Jebel Belt Lahm
Jebel Sheikh Abrit
Jebel Daberath
Jebel Besum
Jebel Kerak
Jebel Semunieh
Jebel Yafa
Jebel Chesalloth
Jebel Eudor
Jebel Tireh
Jebel Adam
Jebel Denna
Jebel Shubem
Jebel Ain Hauda
Jebel Sebahta
Jebel Teli el-Romos
Jebel Iksieh
Jebel Sawanieh
Jebel Jamus
Jebel Tantura
Jebel Amad
Jebel Um Kefa
Jebel Hebras
Jebel Irbid
Jebel Ar-Remtheh
Jebel Derat
Jebel Arz
Jebel Ghuzlan
Jebel Ain Jenneh
Jebel Ain Burdah
Jebel Ain Baraka
Jebel Ain Zetun
Jebel Ain Zebdeh
Jebel Ain Sherif
Jebel Ain Sinia
Jebel Ain Kana
Jebel Ain Ata
Jebel Ain Ibl
Jebel Ain Mellahah
Jebel Ain Jeddy
Jebel Ain Feshkhah
Jebel Ain Gedi
Jebel Ain Hajlah
Jebel Ain Duk
Jebel Ain Nimrin
Jebel Ain Sakut
Jebel Ain Shems
Jebel Ain Ghuweir
Jebel Ain Jidy
Jebel Ain Feshkhah

PALESTINE
MEDITERRANEAN SEA
SAMARIA
JUDEA
JEBEL JELAD
MTS. OF GILEAD
EL BELKA
EL HAMAD
TULUL ER REFAIJAT
PILGRIM ROAD TO MECCA
Jerusalem
Jericho
Jaffa
Hebron
Bethlehem
Nablus (Shechem)
Samaria
Amman (Rabbath Ammon)
Philadelphia
Kulat Zerka
Meneh
Kulat Belka
Dead Sea
Salt Sea
Lacus Asphalites
Sea of the Plain
Shallow Bay
Formerly Valley of Sidon
Desert of Beer Sheba
Beer Sheba
Gaza
Askulan (Ascalon)
Ramleh
Lydda
Jordan R.
Dead Sea
Scale of Miles
0 1 2 3 4 5 10 15 20 25 30
Explanation of words of frequent occurrence
Ard ..... Plain
Ain ..... Fountain
Beit ..... House
Bir ..... Well
Deir ..... Convent
Jebel ..... Mountain
Jisr ..... Bridge
Khan ..... Inn
Kefr ..... Village
Kuryeh ..... Town
Kulah ..... Castle
Mar ..... Saint
Nahr ..... River
Ras ..... Cape
Tell ..... Hill
Wady ..... Valley or Watercourse, most of these are dry in Summer
The Arabic Article el is changed into ed, en, er, es, esh and ez, when the word which it precedes begins with a corresponding letter.
30°
32°
112°
113°
114°
30'
Longitude East from Washington

INDIAN EMPIRE
SCALE OF MILES
0 50 100 200 300 400
Population, 252,541,210
Area, Square Miles, 1,586,620
Longitude East from Greenwich
Longitude East from Washington
TURKESTAN
AFGHANISTAN
CASHMERE
PUNJAB
RAJPOOTANA
THE THAR OR INDIAN DESERT
SCINDE
GUZERAT
MALWA
BERAR
CENTRAL PROVS.
BOMBAY
HYDERABAD
MYSORE
BENGAL
NEPAUL
BHOTAN
TIBET
CHINA
BURMAH
LOWER PROVS.
CALCUTTA
MADRAS
CEYLON
ANDAMAN ISLANDS
NICOBAR ISLANDS
LACCADIVE ISLANDS
MALDIVE ISLANDS
ARABIAN SEA
BAY OF BENGAL
INDIAN OCEAN
Tropic of Cancer

CALCUTTA
(INDIA)
RIVER
HOOGLY
FORT
WILLIAM
Old Course
RACE
COURSE
SEEBPORE

EGYPT, ARABIA,
UPPER NUBIA
AND
ABYSSINIA
Longitude East from Greenwich
Longitude East from Washington
MEDITERRANEAN SEA
LOWER EGYPT
MIDDLE EGYPT
UPPER EGYPT
ARABIA
SYRIA
TRIPOLI
LIBYAN DESERT
ARABIAN DESERT
NUBIAN DESERT
BAYUDA DESERT
DONGOLA
BERBER
SHENDY
METEMMEH
DARFUR
KORDOFAN
ABYSSINIA
TRIBES OF ANEZEH
OASIS OF GARAH
OASIS OF BAHRIEH
OASIS OF FARAFREH
OASIS OF KUFARAH
OASIS OF KHARGEH
OASIS OF COORCOOR
OASIS OF LAKHEL
GREATER OASIS
OASIS OF SELIMAH
BATN EL HAJAR
SUKKOT
MAHABEH
SCALE OF MILES
EGYPT
Area, square miles 1,152,943
Population 17,419,980

92
96
100
104
108
112
36
32
28
24
20
143
147
151
155
Longitude
MONGOLIA
DESERT OF GOBI
THE GREAT WALL
NAN SHAN MTS.
ORDOS TRIBES
Lake Dassun
Lake Kukusai
Lake Gersi
Elasu Nor
Kokú Nor
Lake Oki
Hara Lake
Turanturo Lake
Ning-hia
Lan-chow
Ta-tung
Kan-chow
Su-chow
Danschen
Bulshoi Seriou Lake
Yellow River
Yulia
Ho-kiu
Kolun
Ta-yuen
Kia-ling River
Yung-ning River
Min River
Han River
Sin-ling Mts.
Si-ngan
Hoa
Shen
Ho-nan
Sha-shi
Yo-chow
Yang-tse-kiang
Tung-ting Lake
Poyang Lake
Kiu-kiang
Nan-king
Gan-hwui
Kiang-soo
Shan-tung
Pe-chi-li
Gulf of Pe-chi-li
Yellow Sea
Tibet
Tsaidam
Tcharing Lake
Chasan Lake
Lan-tsang
Kin-sha
Yalung
Burampooter
Sek
Surmaug
Dargürg
Nlinber
Pacla
Zatongan
Tsaindo
Sadiya
Bisa
Mantabi
Mainkhwan
Amber Mines
Magung
Manwyne
Bhamo
Tagung
Mandalay
Momien
Chan-fa
Mung-nan
Chin-keng
Burmah
India
China.
Yun-nan
Szechuen
Queichow
Quang-si
Quang-tung
Tong-king
Houghou
Kesho
Ha-noi
Lien Chow
Peninsula
Gulf of Tong-king
C. Cani
Hainan Strait
Southatran
Hanting
Kan-gen
Yai-chow
Ai-chow
Galong
Hainan
Toya Is.
Hwei-tong
Wan-chow
Ho-po-so
Ho-chiw
Lui-chow
Lien-chow
Pak-hoi
Pe-hai
Kow-chow
Sin-y
Sin-hing
Sin-ning
Sin-chow
Yo-ling
Yong-ngan
Kwei-lin
Kwei-chow
Yun-nan
Kwei-ling
Kwei-yang
Ping-yuen
Ping-tsang
Ping-yang
Ping-yoo
Ping-shan
Ping-nan
Ping-lang
Ping-pien
Ping-ting
Ping-chow
Ping-kiang
Ping-ho
Ping-ngan
Ping-ting
Ping-yang
Ping-lo
Ping-yuen

East from Greenwich
116
120
124
128
132
40
36
32
28
24
20
CHINA
SHANTUNG
KIANGSU
CHE KIANG
KIANGSI
FO-KIEN
KWANG-TUNG
SHING KING OR LEAO TONG
LEAO TONG
GULF OF PE-CHI-LI
GULF OF LEAO TONG
PE-CHI-LI
WHANG HAI OR YELLOW SEA
TUNG HAI OR EASTERN SEA
COREA BAY
SEA OF JAPAN
Broughton Bay or Gulf of Corea
Gulf of Corea
Seoul or Kin-ki-tao
Pr. Jerome Gulf
Washington Gulf
Quelpaert I.
Amherst I.
Alceste I.
Staunton I.
Elliot Gr.
Society Bay
Saddle I.
Sand Banks
Hong-tsin
Tsing-tau
Tsun-tsu
Koang-tsiu
Tsiau-tsiu
Tai-tsang
Tai-lu
Tong-lai
Fusan
Tsin-Tsau
La-tsiu
Tsiang-tsiu
Ping-hai Bay
Linkofsky Bay
C. Clonard
Oki Islands
Dagelet or Matsu-shima
C. Duroch
Tokougen
Kum-tsiu
Kai-sieu
Yang-tsiu
Pa-tsiu
Kang-hoa
Pyeng-an
Sin-tsiang
Yong-shin (Gensan)
An-tsui
Kui-tsiang
Kui-tsiu
Li-Sau
Tai-pak-san Mt.
Yalu River
Yin-ho
Neu-chwang
Leao River
Shan-hai kuan
Slu-yang
Kang-tai
Sheliu
Yung-ning
Yung-ching
Tsun-hua
Pay-ti
Feng-tai
Lao-ting
Pow-ngan
Mi-yun
Si-ning
Siuen-hwa
Kai-chow
Kin-chow
Ning-yuen
Sin-ning
Pow-ching
Pow-ting
Tsang-chow
Hoang-ho
Yellow R.
Mia Tao Strait
Mia-tao Is.
Teng-chow foo Harbour
Hwang Cheu
Foo-shan
Chee-foo
Lai-yang
Lai-chow
Lai-hoo
Hai-yang
Shan-tung Pt.
Ste Je. Hull's Archipelago
Chuan-shan
Pe-chi-li Strait
Tsing-chow
Pow-ching
Pai Lake
Kow-tang
Nan-ho
Wen-ting
Tai-nan
Tai-ngan
Tsi-nan
Tsing-chow
Chun-te
Quang-ping
Chang-te
Tsiuning
Nan-loo
Pee-chow
Kai-chow
Tsow-chow
Wei-hoe
Yen-chow
Kia-yo
Tai-ning
Teng
Fong
Chi-ning
Ye-chow
Y-choo
Hea-ho-soo
Kou-tse I.
Ngankeu
Yoo-choo I.
Former mouth of Whang-ho or Hoang-ho (Yellow River)
Kai-fong
Kiu
Quei-te
Sin-yang
Sand Banks
Hoai-yang Lake
Kao-yeu
Fong-yang
Tai-chow
Koo
Kwa-chow
Shao
Hong-sin
Yang-chow
Hi-lai-sha I.
Kung-chow
Nanking
Chang-choo
Soo-choo
Woo-sung
Shanghae
Sung-kiang
Ta-hing
Ning-kwe
Tai-ping
Tai-hoo
Tsing-kiang
Yu-yao
Yo-shan
Too
Tsi-ki
Ning-po
Chin-hae
Chusan I.
Archipelago
Hang Chow Bay
Hang-chow
Chow-hing
Tsi-ki
Wei-new
Kew-Kiang
Nan-kang
Yuw-chow
King-te-ching
Hiu-kan
Kiog-chow
Quang-sin
Shan-kow
Nan-chang
Fong-sin
Swi-ki
Yoo-chun
Lin-kiang
Foo-chow
Kin-ning
Wan-chow
Sing-sup
Quang-fe
Kien-yang
Choo-ning
Tanue
Tanue Bay
Nan-ouan Hr.
Kian-chang
Ou-a
Nan-fong
Kien-ning
Fuh-tsing
Yen-ping
Sam-sah
Che-yang-pau
Tinghae
Tony-chu I.
Dog I.
Foo-chow
Foo-tsing
Ning-ya
Hing-wha
Ping-hing
Sue Chow
Ting-chow
Yong-ling
Chang-chow
Pin-ho
Hing-ngin
Choo-Choo
Chulan
Ching-hae
Poo-ching
Hai-fong
Kiulien
Whei-chow
Tungkoo
Hwang-tsi
Tsing-tae
Chusan Bay
Mirs Bay
Hong Kong
Cow-loon
Tai-ou-mun
Ty-ong-kai Bay
Tai-ou-mun Ch.
Kang or Ty-ong-kai Is.
Pratas
Yang-kiang
Yang-tse Cape
Baker Is.
Chusan
Chusan I.
Archipelago
Nimrod Sound
Lauhany
San-moon Bay
Tai-chow Bay
Yay-van Bay
Wan-chow Bay
Suin-gan Bay
Lot-sin
Ta-ai-I.
Choo-Chow
Poo-Ching
Kal-hoi
Kal-hoi
Ning-hai
Ning-po
Tsi-ki
Tsi-ki
Tai-Ping
Tai-chow
Tai-hoo
Tsing-kiang
Yu-yao
Yo-shan
Too
Soo-choo
Woo-sung
Shanghae
Sung-kiang
Ta-hing
Ning-kwe
Tsing-choo
Nanking
Kiang-choo
Lloo-chow
Tsao Lake
Foo-kang
Kao-yeu
Sin-yang
Sia
Hoai-yang Lake
Yang-chow
Hong-sin
Shao
Kwa-chow
Tai-chow
Koo
Choo
Chin-kiang
Kung-chow
Hi-lai-sha I.
W. Entrance
Tsung-Ming I.
Tung-tsi kiang or Tai-kiang
Yang-tse Cape
Baker Is.
Chusan
Chusan I.
Archipelago
Hang Chow Bay
Hang-chow
Chow-hing
Chiu-hae
Ning-po
GREEN TEA COUNTRY
Nimrod Sound
Lauhany
Wo-chang
Feotliog Lake
Kew-Kiang
Nan-kang
Yuw-chow
King-te-ching
Hiu-kan
Kiog-chow
Quang-sin
Shan-kow
Nan-chang
Fong-sin
Swi-ki
Yoo-chun
Lin-kiang
Foo-chow
Kin-ning
Wan-chow
Sing-sup
Quang-fe
Kien-yang
Choo-ning
Tanue
Tanue Bay
Nan-ouan Hr.
Kian-chang
Ou-a
Nan-fong
Kien-ning
Fuh-tsing
Yen-ping
Sam-sah
Che-yang-pau
Tinghae
Tony-chu I.
Dog I.
Foo-chow
Foo-tsing
Ning-ya
Hing-wha
Ping-hing
Sue Chow
Ting-chow
Yong-ling
Chang-chow
Pin-ho
Hing-ngin
Choo-Choo
Chulan
Ching-hae
Poo-ching
Hai-fong
Kiulien
Whei-chow
Tungkoo
Hwang-tsi
Tsing-tae
Chusan Bay
Mirs Bay
Hong Kong
Cow-loon
Tai-ou-mun
Ty-ong-kai Bay
Tai-ou-mun Ch.
Kang or Ty-ong-kai Is.
Pratas
Yang-kiang
Tsiau-sha I.
Kung-chow
Nanking
Chang-choo
Soo-choo
Woo-sung
Shanghae
Sung-kiang
Ta-hing
Ning-kwe
Tai-ping
Tai-hoo
Tsing-kiang
Yu-yao
Yo-shan
Too

AUSTRALIA & TASMANIA

SCALE OF MILES
50 100 200 300

Australia
Area 2,944,628
Population 2,300,000

Tasmania
Area 26,215
Population 126,220

Longitude East from Greenwich: 120, 140, 150
Longitude West from Washington: 173, 163, 153, 143
Latitude: 15, 25, 35

INDIAN OCEAN
PACIFIC OCEAN
TORRES STRAIT
GREAT BARRIER REEF
GULF OF CARPENTARIA
Arnhem B.
Van Diemen G.
Queens Channel
Cambridge G.
Sea Range
Tropic of Capricorn
Spencer Gulf
St. Vincent Bay
Encounter Bay
AUSTRALIAN BIGHT
Archipelago of the Recherche
Dividing Range 1600
Sturt Plains
Short Range
Murchison Range
McDouall Range
Stanley Ra.
Flinders Ra.
Gawler Ra.
Musgrave Mts.
Ayers Mts.
Stokes Ra.
Macleay Plaine
Maranoa R.
Warrego R.
Darling R.
Murray R.
Lake Eyre
Lake Torrens
Lake Gairdner
Lake Frome
Lake Callabonna
Lake Victoria
Lake Alexandrina
Lake Albert
Lake Hindmarsh
Lake Buloke
Lake Tyrrell
Lake Wallace
Lake Corangamite
Lake Bolac
Lake Wellington
Lake Tyers
Lake Omeo
Lake Eucumbene
Lake Bathurst
Lake George
Lake Bonney
Lake Hawdon
Lake Cooper
Lake Mackillop
Lake Howitt
Lake Victoria
Lake King
Lake Tarli Karli
Lake Lefroy
Lake Cowen
Lake Moore
Lake Barlee
Lake Monger
Lake Deborah
Lake Brown
Lake Austin
Lake Carey
Lake Wilson
Lake Augusta
Lake Christopher
Lake Annidale
Lake Bring
Lake Hope
Lake Koppermanna
Lake Macquarie
Lake Illawarra
Lake Macquarie
Lake Tabberabbera
Lake Omeo
Lake Eucumbene
Lake Bathurst
Lake George
Lake Bonney
Lake Hawdon
Lake Cooper
Lake Mackillop
Lake Howitt
Lake Victoria
Lake King
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Lake Carey
Lake Wilson
Lake Augusta
Lake Christopher
Lake Annidale
Lake Bring
Lake Hope
Lake Koppermanna
Lake Macquarie
Lake Illawarra
Lake Macquarie
Lake Tabberabbera

Darwin
Port Darwin
Palmerston
Virginia
Southport
Disraeli
Melville I.
Bathurst I.
Clarence Str.
Fitzmaurice R.
Daly R.
Katherine R.
Roper R.
Limmen Bight R.
Gladstone
Mt. Moeller
Mt. Cockburn
Jasper Mt.
Wollaston Mt.
Mt. Muller
Mt. Wilson
Mt. Macpherson
Mt. Bruce 3800
Hamersley Mts. 4000
Mt. Augustus
Mt. Labouchere
Mt. Gould
Mt. Murchison 1600
Mt. Kenneth
Mt. Narryer
Mt. Peron
Mt. Eyre
Mt. Arden
Mt. Brown
Mt. Greenough
Mt. Lindesay
Mt. Kosciusko 7176
Mt. Buffalo
Mt. Feathertop
Mt. Hotham
Mt. Bogong
Mt. Cobbler
Mt. Wellington
Mt. Olympus
Mt. Cradle
Mt. Ossa
Mt. Gambier
Mt. Schank
Mt. Arapiles
Mt. Zero
Mt. Abrupt
Mt. Sturgeon
Mt. Lofty
Mt. Remarkable
Mt. Brisbane
Mt. Barney
Mt. Lindesay
Mt. Warning
Mt. Dromedary
Mt. Kaputar
Mt. Murchison
Mt. Browne
Mt. Hope
Mt. Sorell
Mt. Hibbs
Mt. Scott
Mt. Babbage
Mt. Chell
Mt. Murchison
Mt. Serpentine
Mt. Greenough
Mt. Garnet
Mt. Lang
Mt. Gilbee
Mt. Pollux
Mt. Standish
Mt. Sentinel
Mt. Muller
Mt. Morris
Mt. Playfair
Mt. Fanaday
Mt. Abundance
Mt. Whitby
Mt. Mueller
Mt. Eyre
Mt. Brown
Mt. Scott
Mt. Babbage
Mt. Chell
Mt. Murchison
Mt. Serpentine
Mt. Greenough
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Mt. Standish
Mt. Sentinel
Mt. Muller
Mt. Morris
Mt. Playfair
Mt. Fanaday
Mt. Abundance
Mt. Whitby
Mt. Mueller

Port Darwin
Port Essington
Melville I.
Bathurst I.
Clarence Str.
Van Diemen G.
Queens Channel
Cambridge G.
Sea Range
Tropic of Capricorn
Spencer Gulf
St. Vincent Bay
Encounter Bay
AUSTRALIAN BIGHT
Archipelago of the Recherche
Dividing Range 1600
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Stanley Ra.
Flinders Ra.
Gawler Ra.
Musgrave Mts.
Ayers Mts.
Stokes Ra.
Macleay Plaine
Maranoa R.
Warrego R.
Darling R.
Murray R.
Lake Eyre
Lake Torrens
Lake Gairdner
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Lake Buloke
Lake Tyrrell
Lake Wallace
Lake Corangamite
Lake Bolac
Lake Wellington
Lake Tyers
Lake Omeo
Lake Eucumbene
Lake Bathurst
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Lake Bonney
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Lake Cooper
Lake Mackillop
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Lake Wilson
Lake Augusta
Lake Christopher
Lake Annidale
Lake Bring
Lake Hope
Lake Koppermanna
Lake Macquarie
Lake Illawarra
Lake Macquarie
Lake Tabberabbera

Mt. Cockburn
Jasper Mt.
Wollaston Mt.
Mt. Muller
Mt. Wilson
Mt. Macpherson
Mt. Bruce 3800
Hamersley Mts. 4000
Mt. Augustus
Mt. Labouchere
Mt. Gould
Mt. Murchison 1600
Mt. Kenneth
Mt. Narryer
Mt. Peron
Mt. Eyre
Mt. Arden
Mt. Brown
Mt. Greenough
Mt. Lindesay
Mt. Kosciusko 7176
Mt. Buffalo
Mt. Feathertop
Mt. Hotham
Mt. Bogong
Mt. Cobbler
Mt. Wellington
Mt. Olympus
Mt. Cradle
Mt. Ossa
Mt. Gambier
Mt. Schank
Mt. Arapiles
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Mt. Sentinel
Mt. Muller
Mt. Morris
Mt. Playfair
Mt. Fanaday
Mt. Abundance
Mt. Whitby
Mt. Mueller

Rowley Shoals
Scott Rf.
Seringapatam Sh.
Ashmore Sh.
Cartier Sh.
Hibernia Sh.
Clerk or Ritchie Shoals
Tryal Rocks
Barrow I.
Rosily I.
Thevenard I.
Muiron I.
N. W. Cape
Flaming Hd.
Pt. Cloates
Kolaina Plains
C. Cuvier
Geographe Chan.
Naturaliste Channel
Dirk Hartog I.
Steep Pt.
Breakers
Gascoyne R.
Murchison R.
Gantheaume B.
Geelvink Channel
Wallabi Is.
Houtmans Abrolhos
Pelsart Is.
Greenough R.
Arrowsmith R.
Island Pt.
Gairdner Mts.
Jurien B.
Lancelin I.
Breton B.
Moore R.
Guilford
PERTH
Rotte-nest I.
Garden I. & Cockburn Sd.
Geographe B.
Dunsborough
Pt. Naturaliste
Cape Naturaliste
Margaret R.
C. Hamelin
C. Leeuwin
Blackwood R.
Flinders R.
Pt. D'Entrecasteaux
Broke Inlet & Forth R.
Normalup
William B. & Parry Inlet
Witson Inlet
Pt. Two People
King George Sound
Princess Royal Hr.
Port Frederick
Port Hamilton
Port Phillip Bay
Western Port
Corner Inlet
Seal I.
Kent Is.
Hunter Is.
Barren I.
C. Grim
Woolnorth & West Pt.
Arthur R.
Ordnance Pt.
Pieman R.
Macquarie Harb.
C. Sorell
Pt. Hibbs
Montgomery
Rocky Pt.
Port Davey
S. W. Cape
Piedra Blanca or Eddystone
Bruny I. & Tasman Hd.
D'Entrecasteaux Chan.
Storm Bay
Port Arthur & C. Pillar
Tasman Peninsula & Pirate R.
Freycinet Peninsula
Oyster B.
Maria I.
Swan I.
St. Patrick Hd.
Great I.
Furneaux Is.
Flinders I.
C. Barren I.
Banks Str. & C. Portland
BASS STRAIT
Ringarooma
Georgetown
Launceston
York
Westbury
Cradle Mt.
TASMANIA
HOBART
Richmond
Franklin
Bathurst
Port Davey
Sth. W. Cape
Pt. Hibbs
Montgomery
Rocky Pt.
Macquarie Harb.
C. Sorell
Pieman R.
Ordnance Pt.
Arthur R.
Woolnorth & West Pt.
Barren I.
Hunter Is.
Kings I.
Port Phillip Bay
Western Port
Corner Inlet
Seal I.
Kent Is.
Great I.
Furneaux Is.
Flinders I.
C. Barren I.
Banks Str. & C. Portland
BASS STRAIT
Ringarooma
Georgetown
Launceston
York
Westbury
Cradle Mt.
TASMANIA
HOBART
Richmond
Franklin
Bathurst
Port Davey
Sth. W. Cape
Pt. Hibbs
Montgomery
Rocky Pt.
Macquarie Harb.
C. Sorell
Pieman R.
Ordnance Pt.
Arthur R.
Woolnorth & West Pt.
Barren I.
Hunter Is.
Kings I.
Port Phillip Bay
Western Port
Corner Inlet
Seal I.
Kent Is.
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Launceston
York
Westbury
Cradle Mt.
TASMANIA
HOBART
Richmond
Franklin
Bathurst
Port Davey
Sth. W. Cape

Batavia Pt.
Duyfhen Pt.
Pera Hd.
Endeavour Str.
Endeavour R.
Jardine R.
Orford Ness
Shelbourne B.
C. Grenville
Temple Bay
Weymouth C. & B.
C. Direction
Night Is.
Claremont Is.
Charlotte Bay
Flinders C.
C. Melville
Howick Is.
Lizard I.
C. Flattery
C. Bradford
Endeavour Rf.
Bougainville Reef
Osprey Reef
Willis Group
Coringa Is.
Herald Cays
Diana Sh.
Magdelaine Cays
Two Sandy Is.
Lahou Shoal
Tiegrossa Is.
Farquhar Is.
Horse Shoe Sh.
Frederick Sh.
Saumarez Sh.
Cairn Reef
Wreck Reef
Cato Bank
Bunker Is.
Break Sea Spit
Indian Hd.
Gardner Sand
Skirmish Pt.
Moreton Bay & I.
Pt. Lookout
Straddroke I.
S. Passage
Mt. Warning
Richmond River
Evans River
Shoal B. & Clarence R.
Solitary Is.
Bellengen R.
Nambucka R.
Dyral B. & Mc Leay R.
Smoky C.
Korogoro Pt.
Crowdy R. & Pt.
Farquhar Inlet
Wallis I. & C. Hawke
Sugar loaf Pt. & L. Myall
Port Stephen & Carrington
Newcastle
Port Hunter
Taggerah L.
Broken B. & Hawkesbury R.
SYDNEY
Port Jackson
Botany B.
Shoal Haven & R.
Jervis Bay
Sussex Haven
Batemans B. & Clyde R.
Moruya R.
Mt. Dromedary
Twofold Bay
Green C.
C. Howe
Ram Head
Sub. Pet. to New Zealand
Pt. Lookout
Moreton Bay & I.
Indian Hd.
Gardner Sand
Skirmish Pt.
Bunker Is.
Break Sea Spit
Cato Bank
Wreck Reef
Cairn Reef
Saumarez Sh.
Frederick Sh.
Horse Shoe Sh.
Diana Sh.
Magdelaine Cays
Two Sandy Is.
Lahou Shoal
Tiegrossa Is.
Farquhar Is.
Willis Group
Coringa Is.
Herald Cays
Osprey Reef
Bougainville Reef
Endeavour Rf.
Flinders C.
C. Melville
Howick Is.
Lizard I.
C. Flattery
C. Bradford
Charlotte Bay
Claremont Is.
Night Is.
Direction
Weymouth C. & B.
Temple Bay
Shelbourne B.
Orford Ness
Batavia Pt.
Duyfhen Pt.
Pera Hd.
Endeavour Str.
Endeavour R.
Jardine R.
Somerset
Newcastle B.
C. York
Pr. of Wales
TORRES STRAIT
Mulgrave I.
York Is.
Cape York
Somerset
Newcastle B.
Orford Ness
Shelbourne B.
C. Grenville
Temple Bay
Weymouth C. & B.
C. Direction
Night Is.
Claremont Is.
Charlotte Bay
Flinders C.
C. Melville
Howick Is.
Lizard I.
C. Flattery
C. Bradford
Endeavour Rf.
Bougainville Reef
Osprey Reef
Willis Group
Coringa Is.
Herald Cays
Diana Sh.
Magdelaine Cays
Two Sandy Is.
Lahou Shoal
Tiegrossa Is.
Farquhar Is.
Horse Shoe Sh.
Frederick Sh.
Saumarez Sh.
Cairn Reef
Wreck Reef
Cato Bank
Bunker Is.
Break Sea Spit
Indian Hd.
Gardner Sand
Skirmish Pt.
Moreton Bay & I.
Pt. Lookout
Straddroke I.
S. Passage
Mt. Warning
Richmond River
Evans River
Shoal B. & Clarence R.
Solitary Is.
Bellengen R.
Nambucka R.
Dyral B. & Mc Leay R.
Smoky C.
Korogoro Pt.
Crowdy R. & Pt.
Farquhar Inlet
Wallis I. & C. Hawke
Sugar loaf Pt. & L. Myall
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Newcastle
Port Hunter
Taggerah L.
Broken B. & Hawkesbury R.
SYDNEY
Port Jackson
Botany B.
Shoal Haven & R.
Jervis Bay
Sussex Haven
Batemans B. & Clyde R.
Moruya R.
Mt. Dromedary
Twofold Bay
Green C.
C. Howe
Ram Head
Sub. Pet. to New Zealand

Port Darwin
Palmerston
Virginia
Southport
Disraeli
Melville I.
Bathurst I.
Clarence Str.
Fitzmaurice R.
Daly R.
Katherine R.
Roper R.
Limmen Bight R.
Gladstone
Mt. Moeller
Mt. Cockburn
Jasper Mt.
Wollaston Mt.
Mt. Muller
Mt. Wilson
Mt. Macpherson
Mt. Bruce 3800
Hamersley Mts. 4000
Mt. Augustus
Mt. Labouchere
Mt. Gould
Mt. Murchison 1600
Mt. Kenneth
Mt. Narryer
Mt. Peron
Mt. Eyre
Mt. Arden
Mt. Brown
Mt. Greenough
Mt. Lindesay
Mt. Kosciusko 7176
Mt. Buffalo
Mt. Feathertop
Mt. Hotham
Mt. Bogong
Mt. Cobbler
Mt. Wellington
Mt. Olympus
Mt. Cradle
Mt. Ossa
Mt. Gambier
Mt. Schank
Mt. Arapiles
Mt. Zero
Mt. Abrupt
Mt. Sturgeon
Mt. Lofty
Mt. Remarkable
Mt. Brisbane
Mt. Barney
Mt. Lindesay
Mt. Warning
Mt. Dromedary
Mt. Kaputar
Mt. Murchison
Mt. Browne
Mt. Hope
Mt. Sorell
Mt. Hibbs
Mt. Scott
Mt. Babbage
Mt. Chell
Mt. Murchison
Mt. Serpentine
Mt. Greenough
Mt. Garnet
Mt. Lang
Mt. Gilbee
Mt. Pollux
Mt. Standish
Mt. Sentinel
Mt. Muller
Mt. Morris
Mt. Playfair
Mt. Fanaday
Mt. Abundance
Mt. Whitby
Mt. Mueller
Mt. Eyre
Mt. Brown
Mt. Scott
Mt. Babbage
Mt. Chell
Mt. Murchison
Mt. Serpentine
Mt. Greenough
Mt. Garnet
Mt. Lang
Mt. Gilbee
Mt. Pollux
Mt. Standish
Mt. Sentinel
Mt. Muller
Mt. Morris
Mt. Playfair
Mt. Fanaday
Mt. Abundance
Mt. Whitby
Mt. Mueller

Longitude West from Washington: 173, 163, 153, 143

Pekin 120° East 130° 140° 150° 160° 170° Longitude from 180° Greenwich 170° 160° 150° West 140° 130°

UNITED STATES

SAN FRANCISCO

NORTH PACIFIC OCEAN

SOUTH PACIFIC OCEAN

OCEANICA

Tropic of Cancer

Tropic of Capricorn

Equator

20° 30° 40°

118° Longitude West from 108° Washington 103° 93° 78° 63° 53°

JAPAN

SEA OF JAPAN

Coreanic Arch.

YELLOW SEA

CHINA SEA

Loo choo Is.

Bonin or Arzobispo Is.

Volcano Is.

Anson Archipo

Mariana or Ladrone Is.

PHILIPPINE ISLANDS

Pelew Islands

Caroline Islands

Marshall Islands

Gilbert Islands

Central Polynesian Archipo

Sandwich Islands

Hawaii or Owhyhee 13,700 Ft.

Mouna Loa

EASTERN ARCHIPELAGO

BORNEO

Celebes

New Britannia Archipelago

PAPUA or NEW GUINEA

ARAFURA SEA

SUNDA ISLANDS

Java Sea

Banda Sea

Flores Sea

CORAL SEA

Solomon Islands

New Hebrides

Sta. Cruz Is.

Eilice Islands

Union Is.

Phoenix Is.

Manihiki Is.

Fiji Islands

Navigator Is.

Samoa or Navigator Is.

Friendley Islands.

Society Is.

Cook Is.

Tubuai or Austral Is.

Archipelago

Paumota or Low Archipelago

Marquesas Is.

Hiau or Masse Is.

Nakahewa or Marchand

Uahuga or Washington

Hiva-oa or Dominca

AUSTRALIA

NORTH AUSTRALIA

WESTERN AUSTRALIA

SOUTH AUSTRALIA

QUEENSLAND

NEW SOUTH WALES

VICTORIA

TASMANIA

Great Australian Bight

Lake Eyre

Lake Gregory

Lake Torrens

Lake Gairdner

Lake Amadeus

Lake Austin

Lake Moore

Gt. Sandy Isl.

Gt. Victoria Desert

Gt. Australian Desert

Gt. Barrier Reef

Gt. Coral Reef

Gt. Sandy Desert

Gt. Western Desert

Gt. Dividing Range

Gt. Australian Bight

Gt. Northern Highway

Gt. Northern Railway

Gt. Southern Railway

Gt. Western Railway

Gt. Eastern Highway

Gt. Central Road

Gt. Victoria Highway

Gt. Northern Road

Gt. Western Road

Gt. Eastern Road

Gt. Central Highway

Gt. Victoria Road

Gt. Northern Highway

Gt. Western High

N.W.AFRICA,
MAROCCO ALGERIA & TUNIS
Longitude from Greenwich
10 West
6
2
0
2
10 East
SCALE OF MILES
0 30 60 90 120
ATLANTIC OCEAN
M E D I T E R R A N E A N S E A
MAROCCO
ALGERIA
TUNIS
SAHARA
Longitude East from Washington
74
76
78
80
82
34
38
30

AFRICA
ATLANTIC OCEAN
M E D I T E R R A N E A N S E A
ASIA MINOR
SCALE OF MILES
0 50 100 200 300 400 500
Population, 205,679,000
Area, square miles, 8,968,800
Tropic of Cancer
SAHARA DESERT
ARABIA
EGYPT
LIBYA
ALGERIA

180

ATLANTIC OCEAN
INDIAN OCEAN
SOUTH
AFRICA
Tropic of Capricorn
Equator
GULF of GUINEA
Gulf of Aden
Mozambique Channel
Madagascar
Ascension I.
St. Helena
Tristan d' Acunha
Nightingale I.
Inaccessible I.
Gough's Ice
Diego Alvarez
Cape Town
Cape of Good Hope
Table Bay
Simon's Bay
False Bay
Walvisch Bay
Sandwich Bay
Angra Pequena
Port Nolloth
Port Elizabeth
Algoa Bay
East London
Durban
Port Natal
Delagoa Bay
Beira
Quilimane
Inhambane
Lourenzo Marquez
Zambesi R.
Orange R.
Limpopo R.
Congo or Zaire
Niger R.
Gambia R.
Senegal R.
Volta R.
Benue R.
Shire R.
Rovuma R.
Kunene R.
Cape Verde
Cape Palmas
Cape Lopez
Cape St. Paul
Cape Frio
Cape Cross
Cape Negro
Cape Morro
Cape Santa Maria
Cape Colony
Cape Colonies
Cape Delgado
Cape Guardafui
Cape Farlak
Cape Amber
Cape St. Andrew
Cape St. Mary
Cape East
Cape St. Vincent
Cape Corrientes
Cape St. Sebastian
Cape Voltas
Cape Frio
Cape Cross
Cape Negro
Cape Morro
Cape Santa Maria
Cape Ledo
Cape Lopez
Cape Palmas
Cape Verde

TRIBES OF
JUDAH & SIMEON
BY T. STARLING.
GREAT SEA
DESERT OF BEER-SHEBA
SOUTH COUNTRY
EDOM OR IDUMEA
WILDERNESS OF ZIN

THE HALF TRIBE OF
MANASSEH
BY T. STARLING.

TRIBES OF
BENJAMIN AND DAN
SIMEON

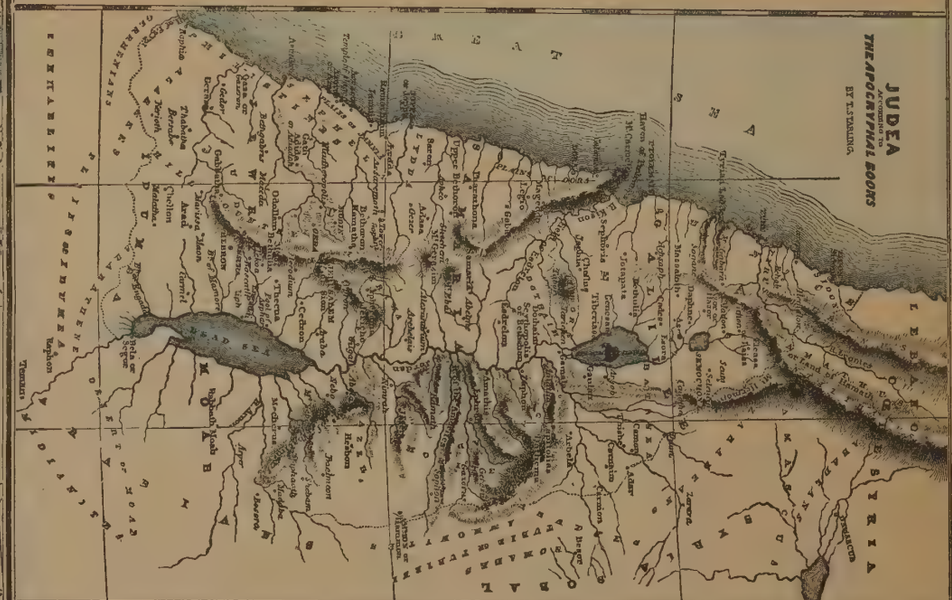
TRIBE OF
EPHRAIM
BY T. STARLING.
EXPLANATION
LASHARON
INNER PART OF JOSHUA
PLAIN OF GEZER

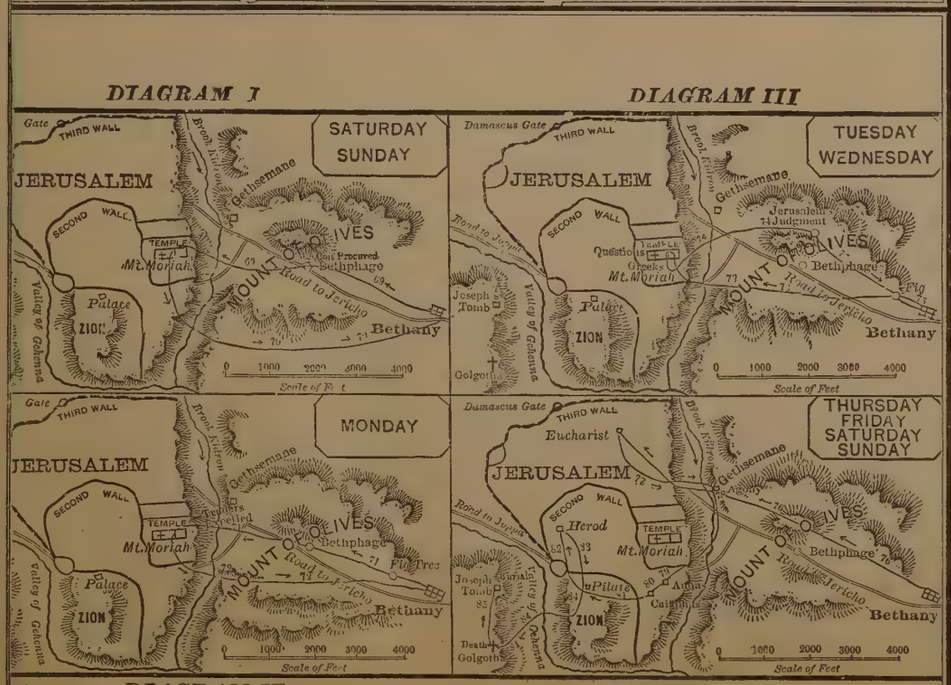
TRIBES OF
ASHER AND NAPHTALI
EXPLANATION.
Levitical Cities
Royal Cities
Fenced Do
Large Do
Small Towns
Names underlined are mentioned in Pliny & other Classic Authors
There Cities which partake of two or more qualities as Royal Levitical &c have the Signs of each annexed
MEDITERRANEAN OR GREAT SEA
SIDON OR ASHER
TYRE
ACRE OR PTOLEMAIS
MOUNT CARMEL
MOUNT LEBANON
MOUNT HERMON
MOUNT GILBOA
MOUNT TABOR
SEA OF GALILEE
RIVER JORDAN
Dead Sea

GENERAL MAP OF
THE TRIBES
BY T. STARLING
MEDITERRANEAN OR GREAT SEA
MOUNT LEBANON
ANTI LIBANUS
MOUNT HERMON
MOUNT GILBOA
MOUNT TABOR
SEA OF GALILEE
RIVER JORDAN
Dead Sea
AMALEK
IDUMEA OR EDOM

TRIBES OF
ISSACHAR & MANASSEH
ON THIS SIDE JORDAN
MOUNT CARMEL
MOUNT GILBOA
MOUNT TABOR
SEA OF GALILEE
RIVER JORDAN
Dead Sea
MEDITERRANEAN OR WESTERN SEA

TRIBES OF
ZEBULON
BY THOS STARLING
MOUNT CARMEL
MOUNT GILBOA
MOUNT TABOR
SEA OF GALILEE
RIVER JORDAN
Dead Sea





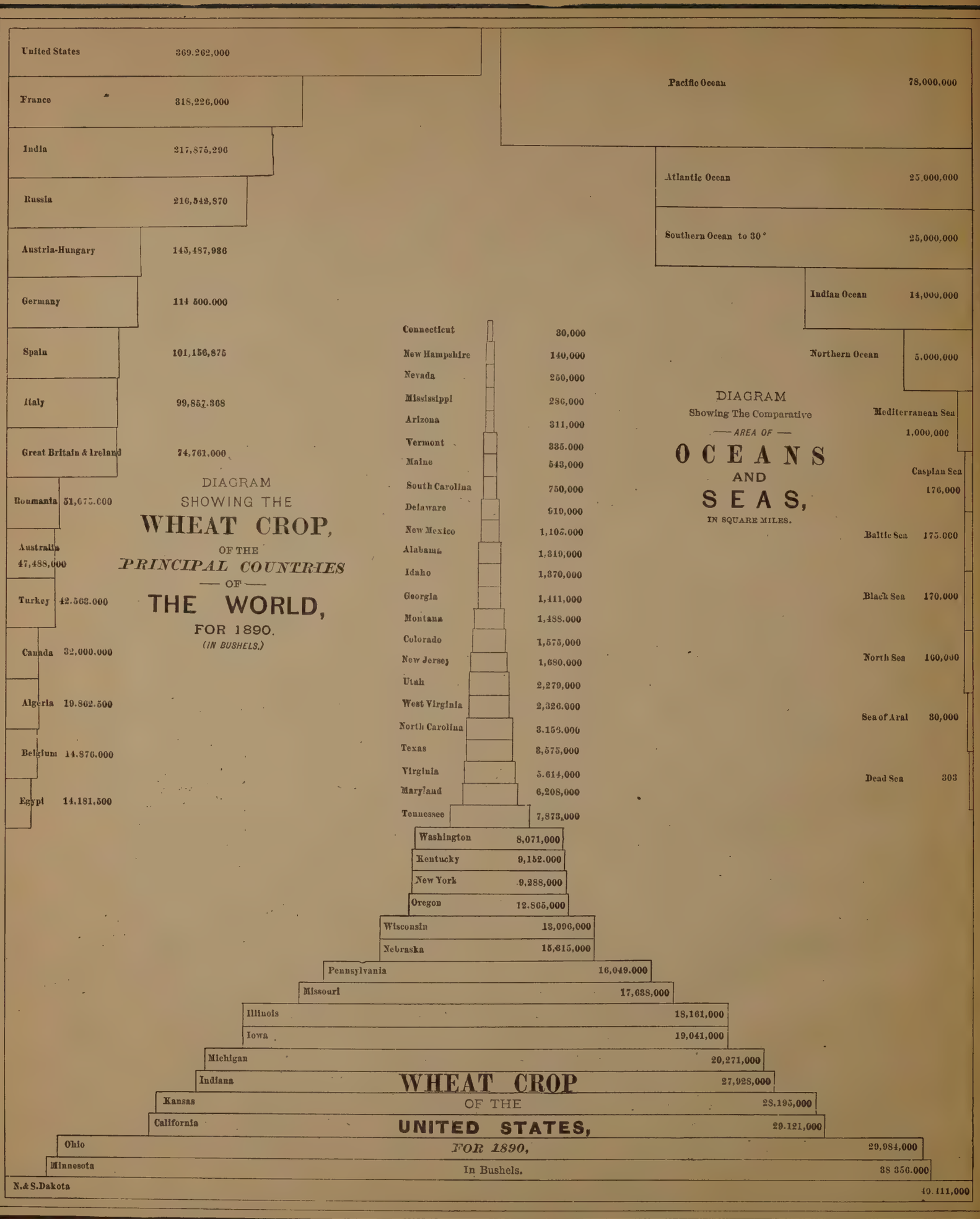
Diagrams Illustrating the Principal Events of Crucifixion Week.

KINGDOMS
OF
JUDAH AND ISRAEL
Illustrative of
THE BOOKS OF KINGS & CHRONICLES.
BY THOS. STARLING.

CANAAN
DURING
THE CAPTIVITIES
OF
JUDAH & ISRAEL
BY THOS. STARLING.
Dates of the Captivities.
1st Under Teglath Pil'ser. B.C. 740
2. ——— Salmanezer ——— 721
3. ——— Nebuchadnezzar ——— 588
KINGDOM OF DAMASCUS
KINGDOM OF ISRAEL
KINGDOM OF JUDAH
KINGDOM OF AMMON
KINGDOM OF MOAB
DESERT OF KADESH

KINGDOM
OF
DAVID AND SOLOMON
BY THOS STARLING.
1 Ramah
2 Abunaza
3 Ben Geber
4 Beana
5 Ben Abinadab
6 Jehosaphat
7 Ben Hur
8 Ahinadab
9 Geber
10 Shimei
11 Ben Hesed
12 Ben Dekar
ARABIA PETRÆA
ARABIA DESERTA
ARABIAN GULF

JUDEA
ACCORDING TO
JOSEPHUS
BY T. STARLING.
DESERT OF SHUR
MOABITIS


United States 369.262,000
France 318,226,000
India 217,875,296
Russia 216,542,870
Austria-Hungary 145,487,986
Germany 114 500.000
Spain 101,156,875
Italy 99,857.368
Great Britain & Ireland 74,761,000
Roumania 51,675.000
Australia 47,488,000
Turkey 42.563.000
Canada 32,000.000
Algeria 19.862.500
Belgium 14.876.000
Egypt 14,181,500
DIAGRAM
SHOWING THE
WHEAT CROP,
OF THE
PRINCIPAL COUNTRIES
— OF —
THE WORLD,
FOR 1890.
(IN BUSHELS.)
Connecticut 30,000
New Hampshire 140,000
Nevada 250,000
Mississippi 286,000
Arizona 311,000
Vermont 335.000
Maine 543,000
South Carolina 750,000
Delaware 919,000
New Mexico 1,105.000
Alabama 1,319,000
Idaho 1,370,000
Georgia 1,411,000
Montana 1,488.000
Colorado 1,575,000
New Jersey 1,680,000
Utah 2,279,000
West Virginia 2,326.000
North Carolina 3.153.000
Texas 3,575,000
Virginia 5.614,000
Maryland 6,208,000
Tennessee 7,873,000
Washington 8,071,000
Kentucky 9,152.000
New York 9,288,000
Oregon 12.865,000
Wisconsin 13,096,000
Nebraska 15,615,000
Pennsylvania 16,049.000
Missouri 17,638,000
Illinois 18,161,000
Iowa 19,041,000
Michigan 20,271,000
Indiana 27,928,000
Kansas 28.195,000
California 29.121,000
Ohio 29,984,000
Minnesota 38 356.000
N.& S.Dakota 49.111,000
WHEAT CROP
OF THE
UNITED STATES,
FOR 1890,
In Bushels.
Pacific Ocean 78,000,000
Atlantic Ocean 25.000,000
Southern Ocean to 30° 25,000,000
Indian Ocean 14,000,000
Northern Ocean 5.000,000
DIAGRAM
Showing The Comparative
— AREA OF —
OCEANS
AND
SEAS,
IN SQUARE MILES.
Mediterranean Sea 1,000,000
Caspian Sea 176,000
Baltic Sea 175.000
Black Sea 170,000
North Sea 160,000
Sea of Aral 30,000
Dead Sea 303

DIAGRAM,
Showing the Annual
COAL PRODUCTION,
OF THE
UNITED STATES,
IN TONS.

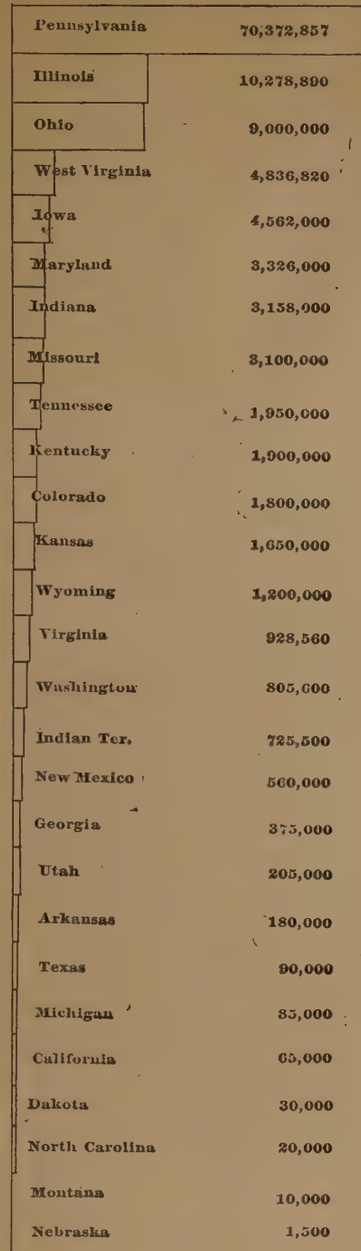


DIAGRAM
Showing the Comparative
AREA OF
PRINCIPAL LAKES,
OF THE
WORLD,
IN SQUARE MILES.

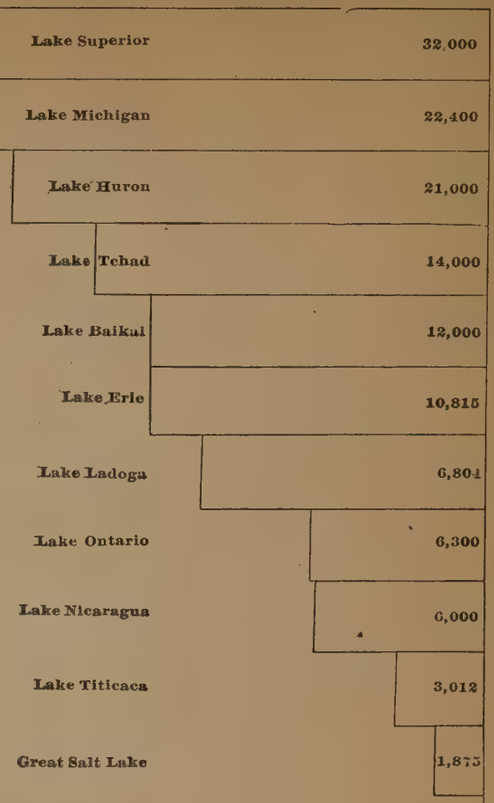
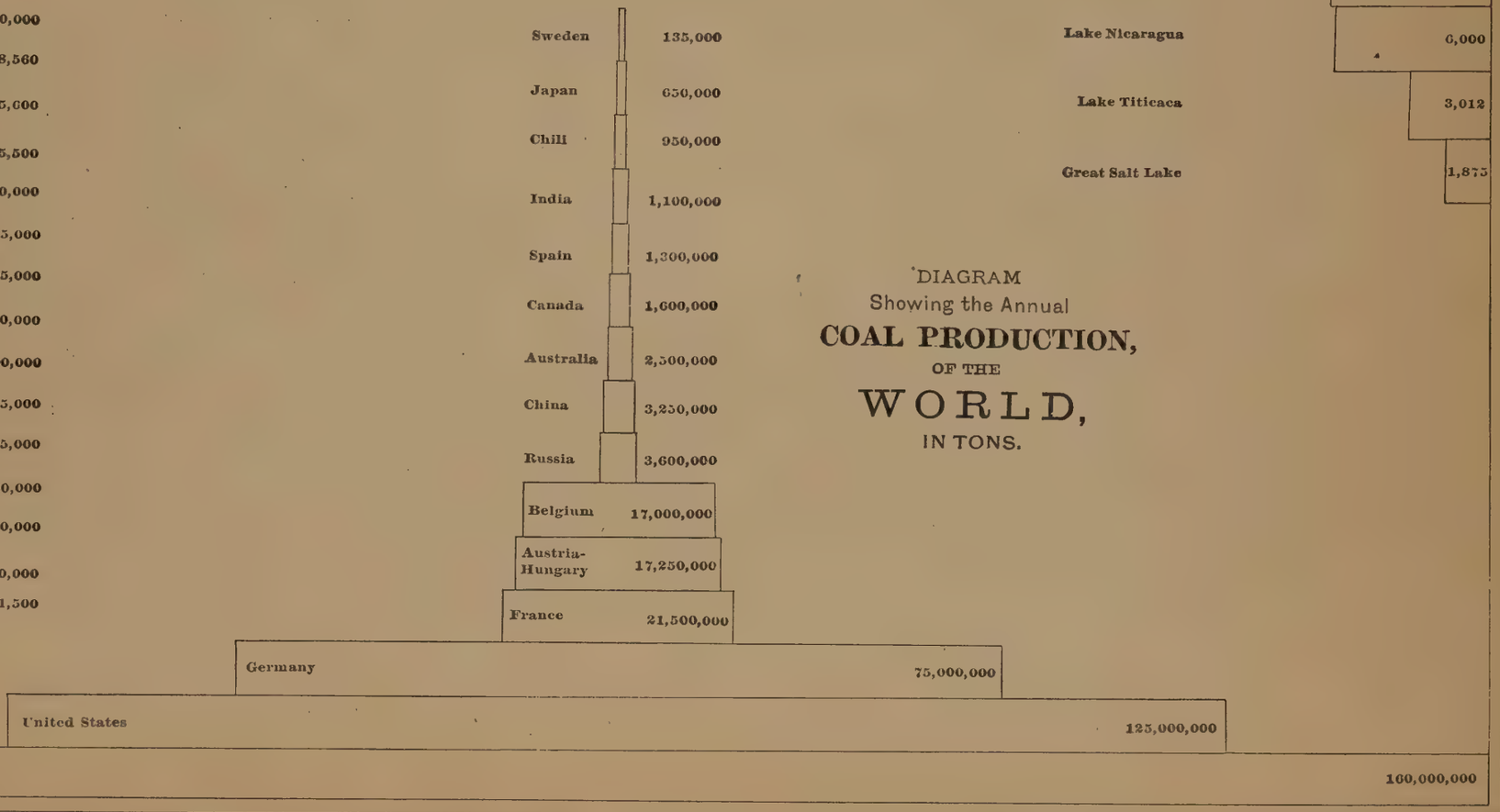
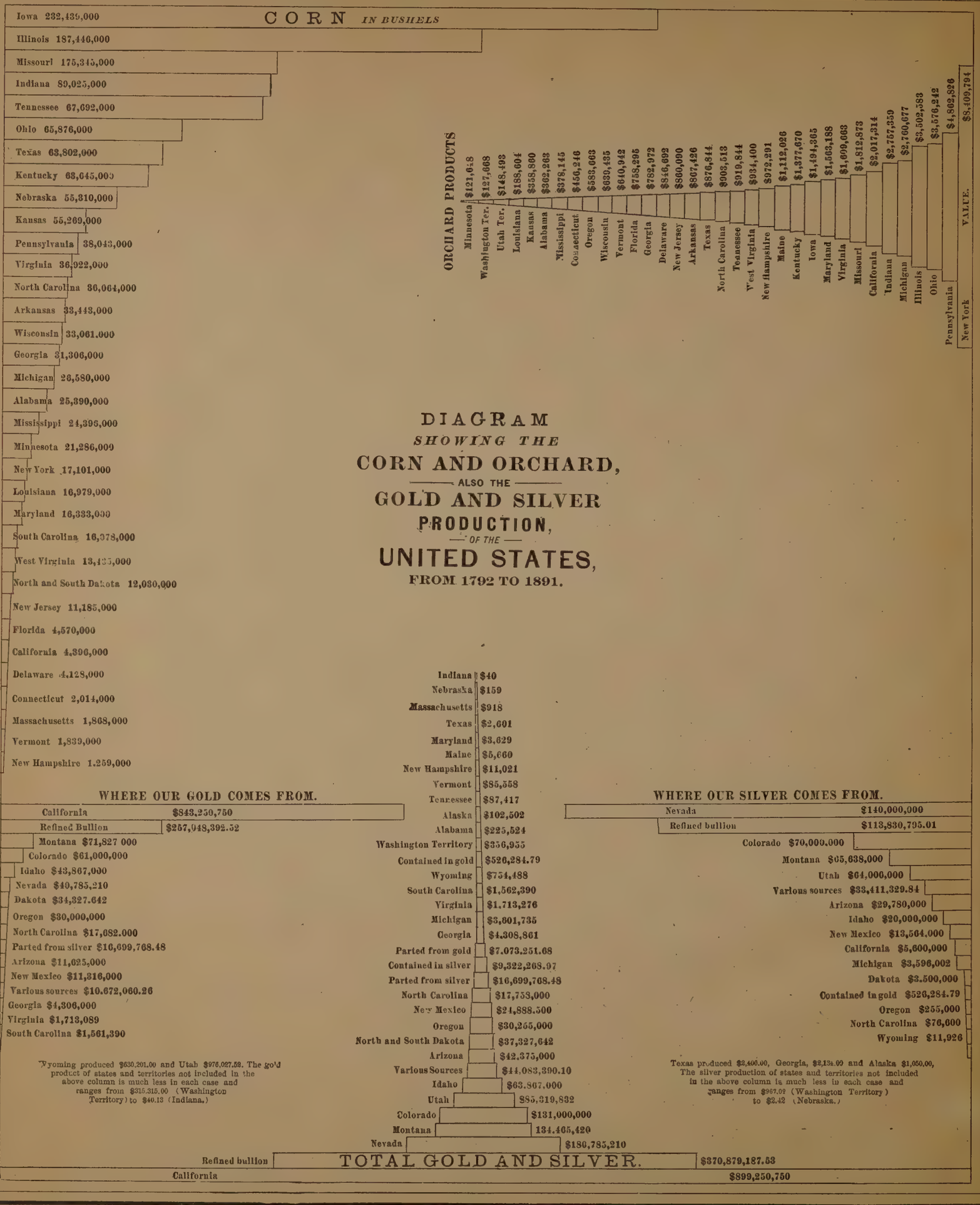
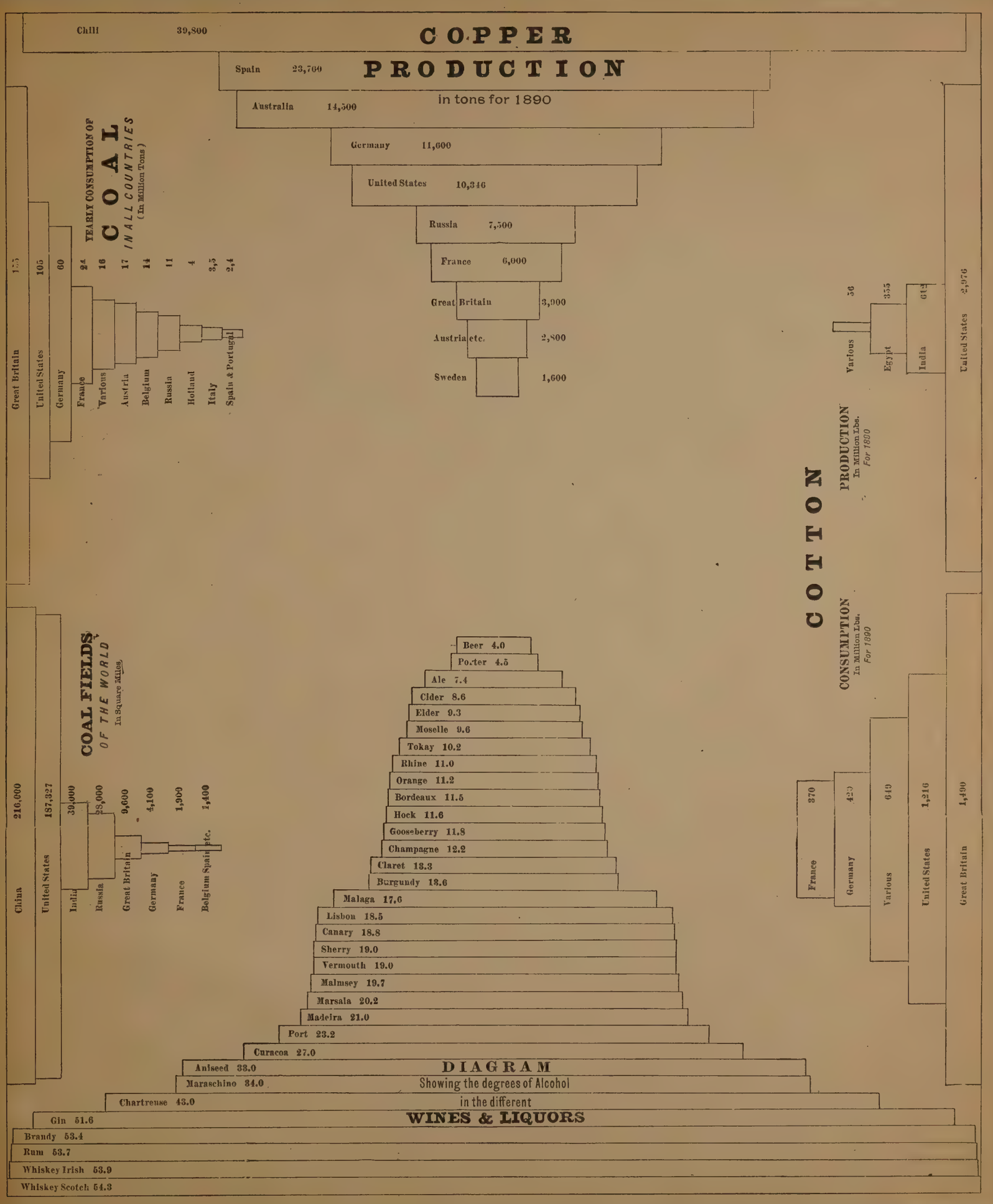
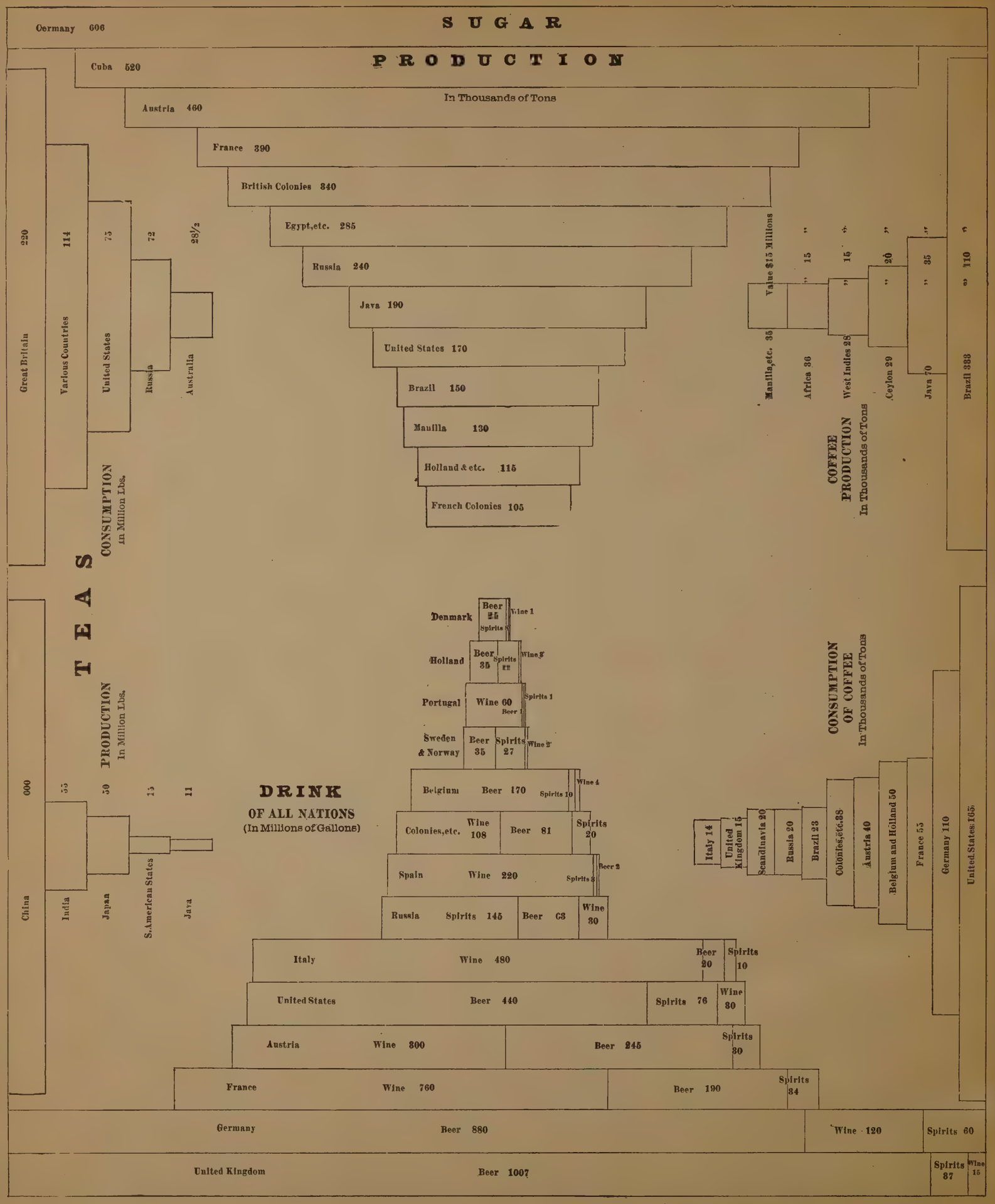


DIAGRAM
Showing the Annual
COAL PRODUCTION,
OF THE
WORLD,
IN TONS.




CORN IN BUSHELS
Iowa 232,439,000
Illinois 187,446,000
Missouri 175,345,000
Indiana 89,025,000
Tennessee 67,692,000
Ohio 65,876,000
Texas 63,802,000
Kentucky 63,645,000
Nebraska 55,310,000
Kansas 55,269,000
Pennsylvania 38,043,000
Virginia 36,922,000
North Carolina 36,064,000
Arkansas 33,443,000
Wisconsin 33,061,000
Georgia 31,306,000
Michigan 26,580,000
Alabama 25,390,000
Mississippi 24,396,000
Minnesota 21,286,000
New York 17,101,000
Louisiana 16,979,000
Maryland 16,333,000
South Carolina 16,078,000
West Virginia 13,435,000
North and South Dakota 12,030,000
New Jersey 11,185,000
Florida 4,570,000
California 4,396,000
Delaware 4,128,000
Connecticut 2,014,000
Massachusetts 1,868,000
Vermont 1,839,000
New Hampshire 1,259,000
ORCHARD PRODUCTS
Minnesota $121,618
Washington Ter. $127,668
Utah Ter. $148,493
Louisiana $188,604
Kansas $358,880
Alabama $362,263
Mississippi $378,145
Connecticut $456,246
Oregon $583,063
Wisconsin $630,435
Vermont $640,942
Florida $758,295
Georgia $782,972
Delaware $846,692
New Jersey $860,090
Arkansas $867,426
Texas $876,844
North Carolina $903,513
Tennessee $919,844
West Virginia $934,400
New Hampshire $972,291
Maine $1,112,026
Kentucky $1,377,670
Iowa $1,494,365
Maryland $1,563,188
Virginia $1,699,663
Missouri $1,819,873
California $2,017,314
Indiana $2,757,359
Michigan $2,760,677
Illinois $3,502,583
Ohio $3,576,242
Pennsylvania $4,862,826
New York $8,409,794
VALUE.
DIAGRAM
SHOWING THE
CORN AND ORCHARD,
ALSO THE
GOLD AND SILVER
PRODUCTION,
OF THE
UNITED STATES,
FROM 1792 TO 1891.
WHERE OUR GOLD COMES FROM.
California $843,250,750
Refined Bullion $257,948,392.52
Montana $71,827 000
Colorado $61,000,000
Idaho $43,867,000
Nevada $40,785,210
Dakota $34,327.642
Oregon $30,000,000
North Carolina $17,082.000
Parted from silver $16,699,768.48
Arizona $11,025,000
New Mexico $11,316,000
Various sources $10.672,060.26
Georgia $4,306,000
Virginia $1,713,089
South Carolina $1,561,390
Wyoming produced $630,201.00 and Utah $976,027.52. The gold product of states and territories not included in the above column is much less in each case and ranges from $315,315.00 (Washington Territory) to $40.13 (Indiana.)
Indiana $40
Nebraska $159
Massachusetts $918
Texas $2,601
Maryland $3,629
Maine $5,660
New Hampshire $11,021
Vermont $85,558
Tennessee $87,417
Alaska $102,502
Alabama $225,524
Washington Territory $356,955
Contained in gold $526,284.79
Wyoming $754,488
South Carolina $1,562,390
Virginia $1,713,276
Michigan $3,601,735
Georgia $4,308,861
Parted from gold $7,073,251.68
Contained in silver $9,322,268.97
Parted from silver $16,699,768.48
North Carolina $17,753,000
New Mexico $24,888,500
Oregon $30,255,000
North and South Dakota $37,327,642
Arizona $42,375,000
Various Sources $44,083,390.10
Idaho $63,867,000
Utah $85,319,832
Colorado $131,000,000
Montana 134,465,420
Nevada $180,785,210
WHERE OUR SILVER COMES FROM.
Nevada $140,000,000
Refined bullion $113,830,795.01
Colorado $70,000.000
Montana $65,638,000
Utah $64,000,000
Various sources $33,411,329.84
Arizona $29,780,000
Idaho $20,000,000
New Mexico $13,564.000
California $5,600,000
Michigan $3,596,002
Dakota $3,500,000
Contained in gold $526,284.79
Oregon $255,000
North Carolina $76,600
Wyoming $11,926
Texas produced $2,400.00, Georgia, $2,134.00 and Alaska $1,050.00, The silver production of states and territories not included in the above column is much less in each case and ranges from $967.02 (Washington Territory) to $2.42 (Nebraska.)
Refined bullion
TOTAL GOLD AND SILVER.
$370,879,187.53
California
$899,250,750


COPPER
PRODUCTION
in tons for 1890
Chili 39,800
Spain 23,700
Australia 14,500
Germany 11,600
United States 10,346
Russia 7,500
France 6,000
Great Britain 3,900
Austria etc. 2,800
Sweden 1,600
YEARLY CONSUMPTION OF
COAL
IN ALL COUNTRIES
(In Million Tons)
Great Britain 155
United States 105
Germany 60
France 24
Various 16
Austria 17
Belgium 14
Russia 11
Holland 4
Italy 3,5
Spain & Portugal 2,4
COTTON
PRODUCTION
In Million Lbs.
For 1890
Various 56
Egypt 355
India 613
United States 2,976
COTTON
CONSUMPTION
In Million Lbs.
For 1890
France 370
Germany 420
Various 649
United States 1,216
Great Britain 1,490
COAL FIELDS
OF THE WORLD
In Square Miles.
China 216,000
United States 187,327
India 39,000
Russia 28,000
Great Britain 9,600
Germany 4,100
France 1,900
Belgium Spain etc. 1,400
Beer 4.0
Porter 4.5
Ale 7.4
Cider 8.6
Elder 9.3
Moselle 9.6
Tokay 10.2
Rhine 11.0
Orange 11.2
Bordeaux 11.5
Hock 11.6
Gooseberry 11.8
Champagne 12.2
Claret 13.3
Burgundy 13.6
Malaga 17.6
Lisbon 18.5
Canary 18.8
Sherry 19.0
Vermouth 19.0
Malmsey 19.7
Marsala 20.2
Madeira 21.0
Port 23.2
Curacoa 27.0
Aniseed 33.0
Maraschino 34.0
Chartreuse 43.0
Gin 51.6
Brandy 53.4
Rum 53.7
Whiskey Irish 53.9
Whiskey Scotch 54.3
DIAGRAM
Showing the degrees of Alcohol
in the different
WINES & LIQUORS


SUGAR
PRODUCTION
In Thousands of Tons
Germany 606
Cuba 520
Austria 460
France 390
British Colonies 340
Egypt,etc. 285
Russia 240
Java 190
United States 170
Brazil 150
Manilla 130
Holland & etc. 115
French Colonies 105
TEAS
CONSUMPTION
In Million Lbs.
Great Britain 220
Various Countries 114
United States 75
Russia 72
Australia 28½
PRODUCTION
In Million Lbs.
China 600
India 55
Japan 50
S.American States 15
Java 11
COFFEE
PRODUCTION
In Thousands of Tons
Manilla,etc. 35
Value $15 Millions
Africa 36
15 "
West Indies 28
15 "
Ceylon 29
20 "
Java 70
35 "
Brazil 333
110 "
CONSUMPTION
OF COFFEE
In Thousands of Tons
Italy 14
United Kingdom 15
Scandinavia 20
Russia 20
Brazil 23
Colonies,etc. 33
Austria 40
Belgium and Holland 50
France 55
Germany 110
United States 165
DRINK
OF ALL NATIONS
(In Millions of Gallons)
Denmark Beer 25 Wine 1 Spirits 8
Holland Beer 35 Spirits 11 Wine 3
Portugal Wine 60 Beer 1 Spirits 1
Sweden & Norway Beer 35 Spirits 27 Wine 2
Belgium Beer 170 Spirits 10 Wine 4
Colonies,etc. Wine 108 Beer 81 Spirits 20
Spain Wine 220 Spirits 3 Beer 2
Russia Spirits 145 Beer 63 Wine 30
Italy Wine 480 Beer 20 Spirits 10
United States Beer 440 Spirits 76 Wine 30
Austria Wine 300 Beer 245 Spirits 30
France Wine 760 Beer 190 Spirits 34
Germany Beer 880 Wine 120 Spirits 60
United Kingdom Beer 1007 Spirits 87 Wine 15

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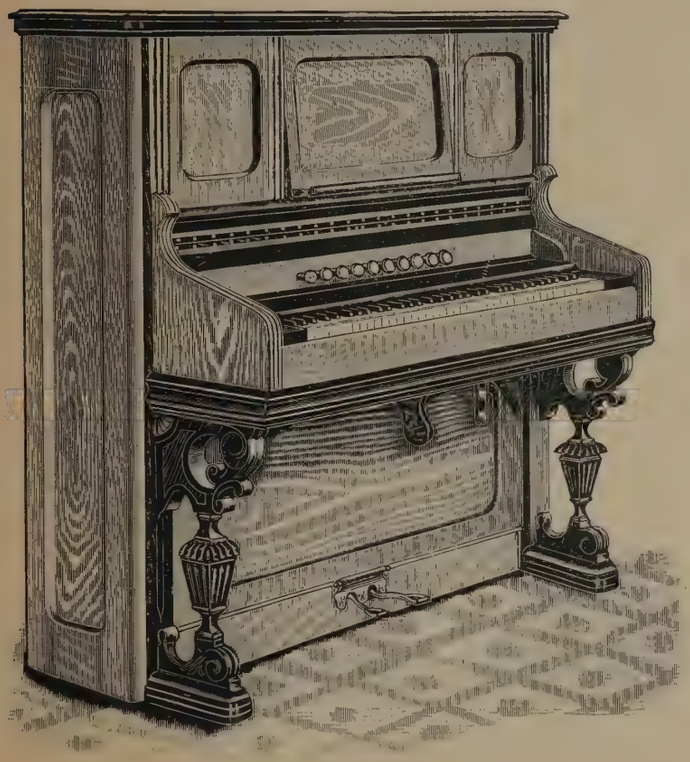

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